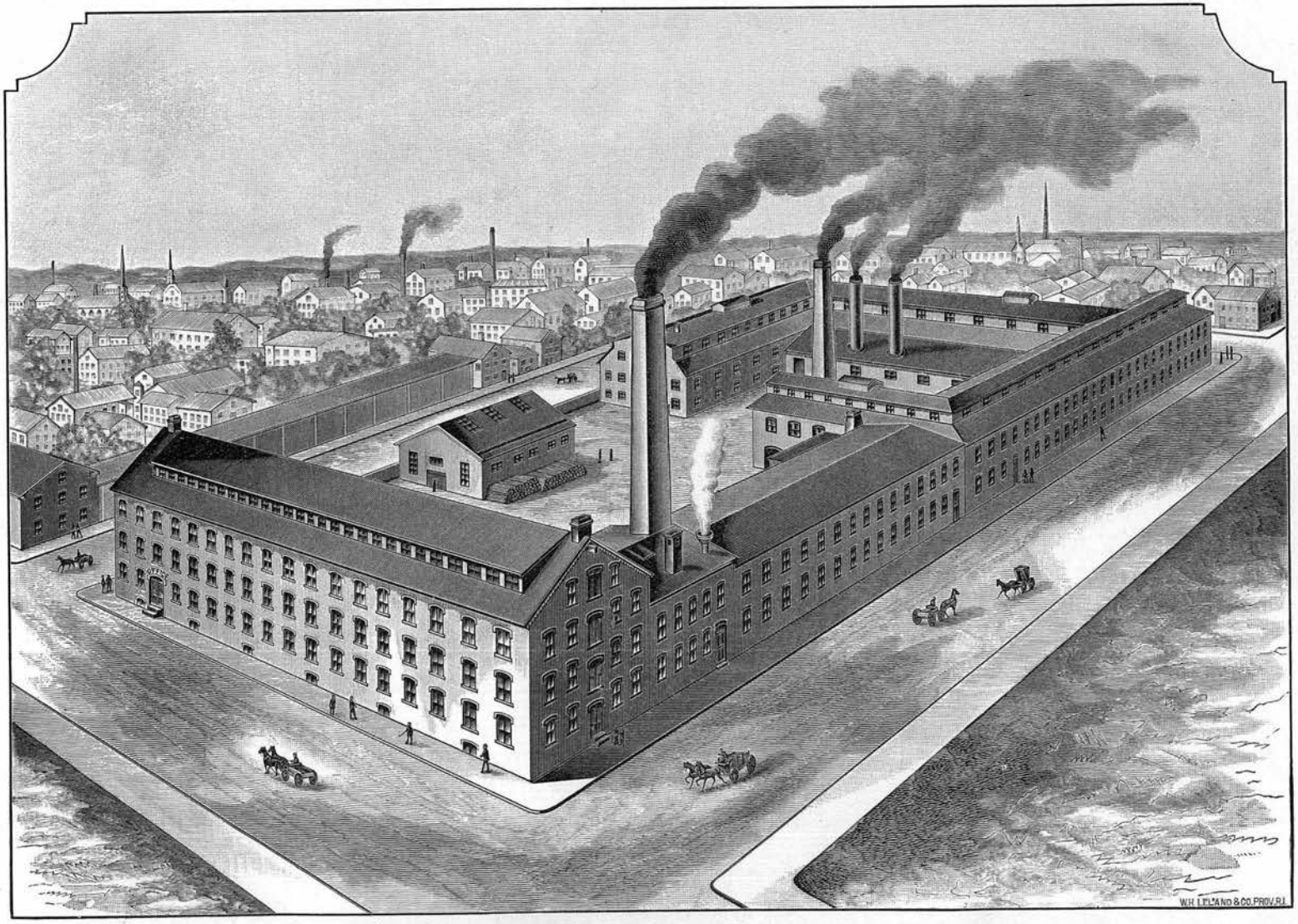
1897

NEW ENGLAND BUTT Co.

MANUFACTURERS OF

BRAIDING AND CABLING MACHINES AND SPECIAL MACHINERY FOR ELECTRICAL WIRE.

Providence, R.I. U.S.A.



WORKS OF THE NEW ENGLAND BUTT CO., PROVIDENCE, R. I.

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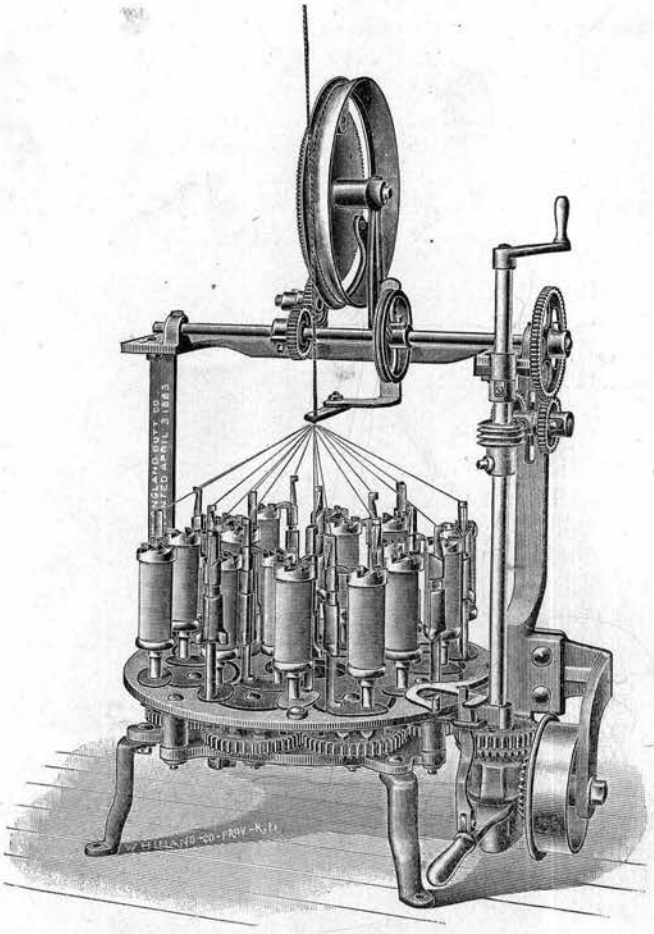
BRAIDING MACHINERY,

For Covering Cords with Silk Braid.



16 Strand, No. 1.

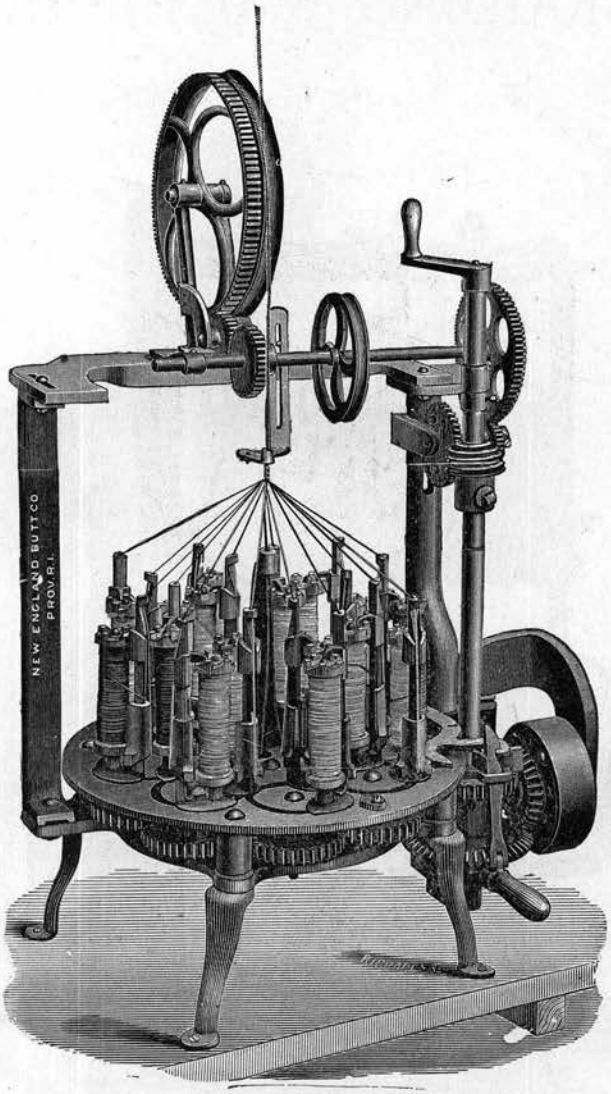
(PATENTED APRIL 3, 1883; JULY 3, 1894.)

SIZES.	PRICE.
8 Strand,	$
12 Strand,	
16 Strand,	
20 Strand,	
24 Strand,	
28 Strand,	
32 Strand,	

Bobbins 3 1-4 in. x 1 1-4 in. Weights 1-2 oz. to 6 oz.

BRAIDING MACHINERY,

For Covering Electrical Wire.



16 Strand, No. 2, with Wheel Take-up.

(PATENTED APRIL 3, 1883; JULY 3, 1894.)

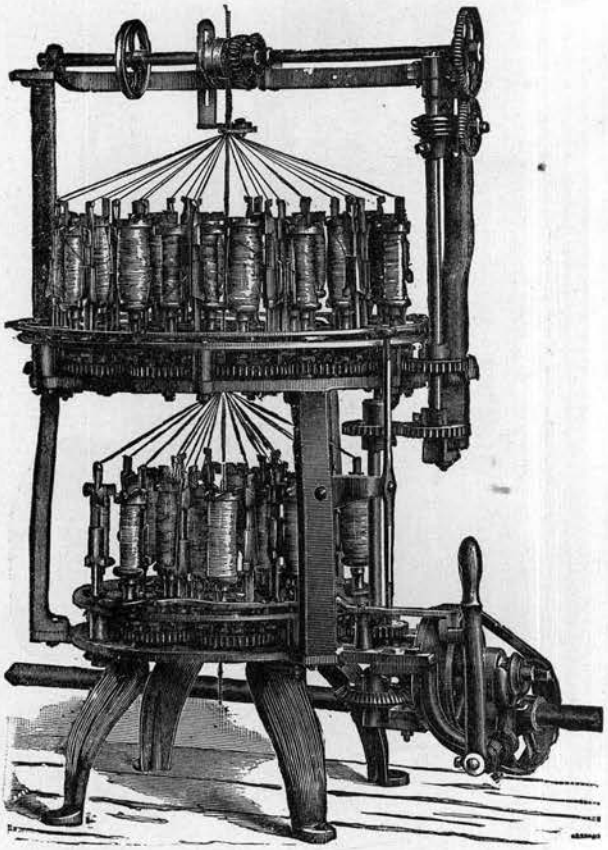
SIZES.	PRICE.	SIZES.	PRICE.
8 Strand,	$	32 Strand,	$
12 Strand,		36 Strand,	
16 Strand,		40 Strand,	
20 Strand,		44 Strand,	
24 Strand,		48 Strand,	
28 Strand,		72 Strand,	
24 Strand, Heavy Pattern,			
24 Strand, Under Feed,			

Solution Tanks, extra, $

Bobbins 3 1-4 x 1 3-4 in. Weights 1 oz. to 8 oz.

BRAIDING MACHINERY,

For Covering Electrical Wire.



16 and 24 Strand, Double, No. 2, with Scored Roll Take-up.

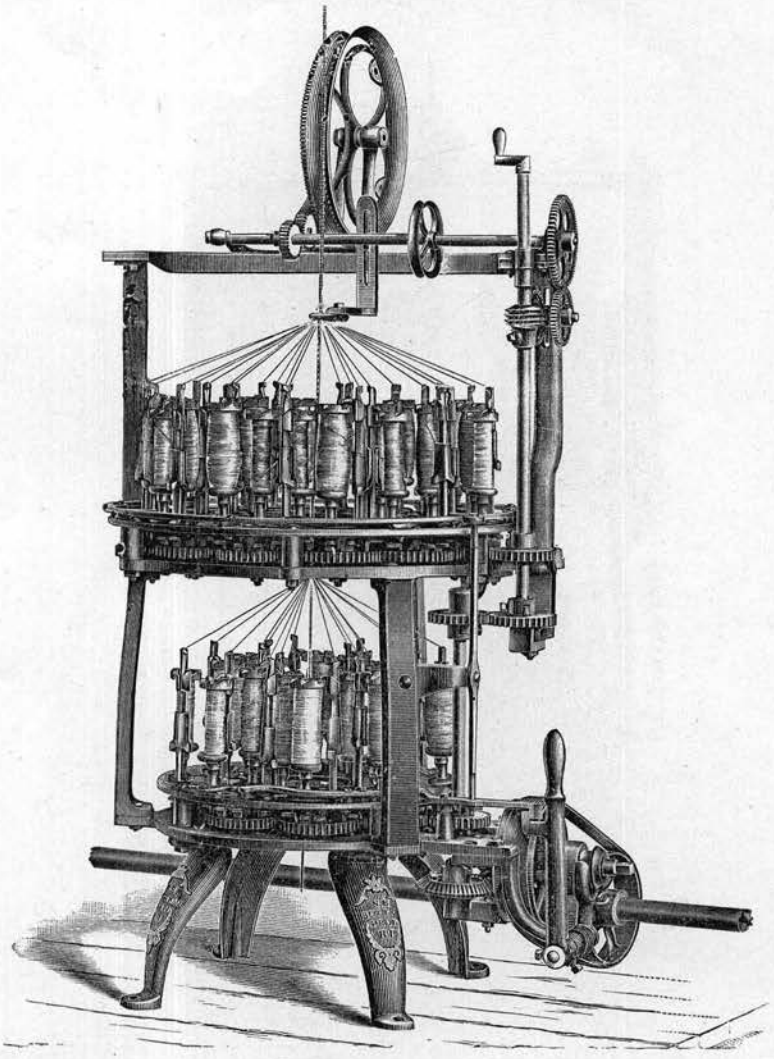
(PATENTED APRIL 3, 1883.)

SIZES.	PRICE.
12 and 12 Strand,	$
12 and 16 Strand,	
16 and 16 Strand,	
16 and 24 Strand,	
24 and 24 Strand,	
24 and 36 Strand,	

Bobbins 3 1-4 x 1 3-4 in. Weights 1 oz. to 8 oz.

BRAIDING MACHINERY,

For Covering Electrical Wire.



16 and 24-Strand, Double, No. 2, with Wheel Take-up.

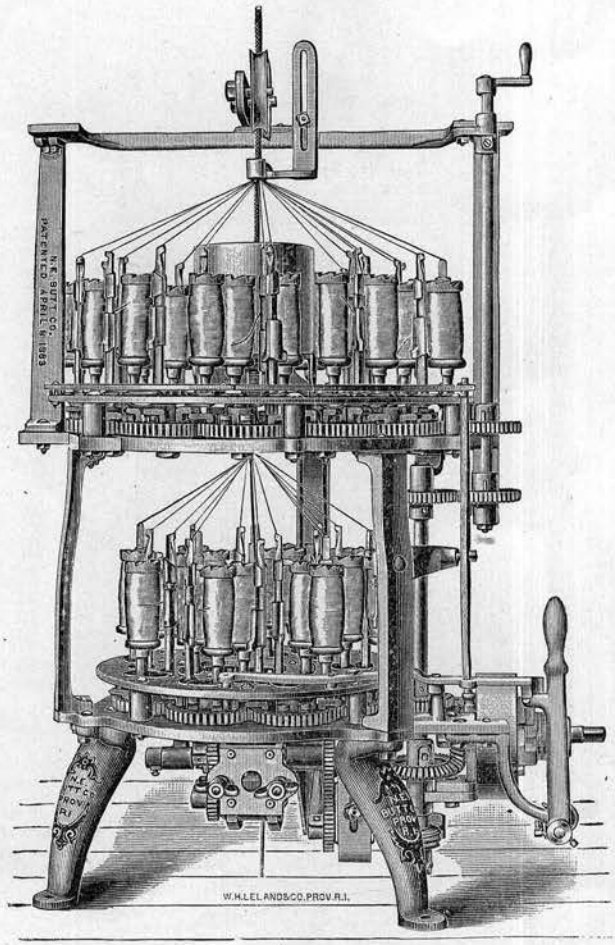
(PATENTED APRIL 3, 1883.)

SIZES.	PRICE.
12 and 12 Strand,	$
12 and 16 Strand,	
16 and 16 Strand,	
16 and 24 Strand,	
24 and 24 Strand,	
24 and 36 Strand,	

Bobbins 3 1-4 in. x 1 3-4 in. Weights 1 oz. to 8 oz.

BRAIDING MACHINERY,

For Covering Electrical Wire.



16 and 24-Strand, Double, No. 2, with Underneath Feed.

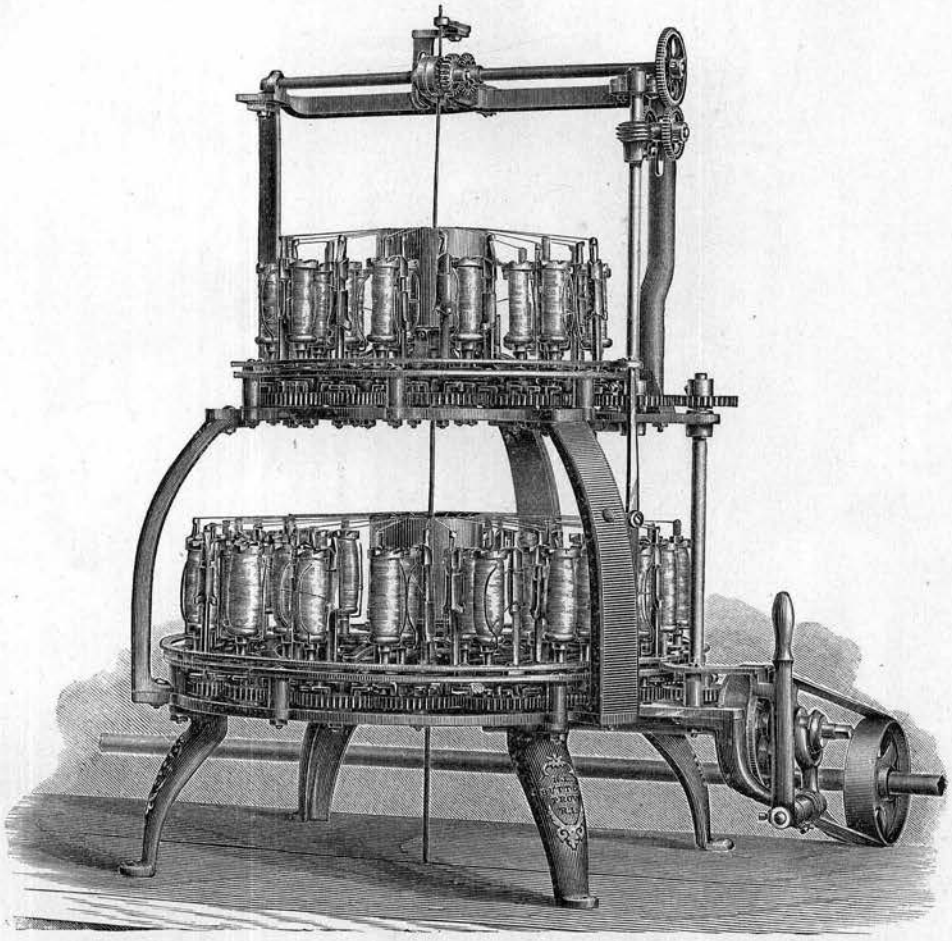
SIZES.	PRICE.
16 and 16 Strand, ...	$
16 and 24 Strand, ...	
24 and 24 Strand, ...	
24 and 36 Strand, (extra heavy)	

Solution Tanks extra, $

Bobbins 3 1-4 in. x 1 3-4 in. Weights 1 oz. to 8 oz.

BRAIDING MACHINERY,

For Covering Electrical Wire.



24 x 36 Strand, Double, No. 2.

(PATENTED APRIL 3, 1883.)

SPECIAL MACHINE.

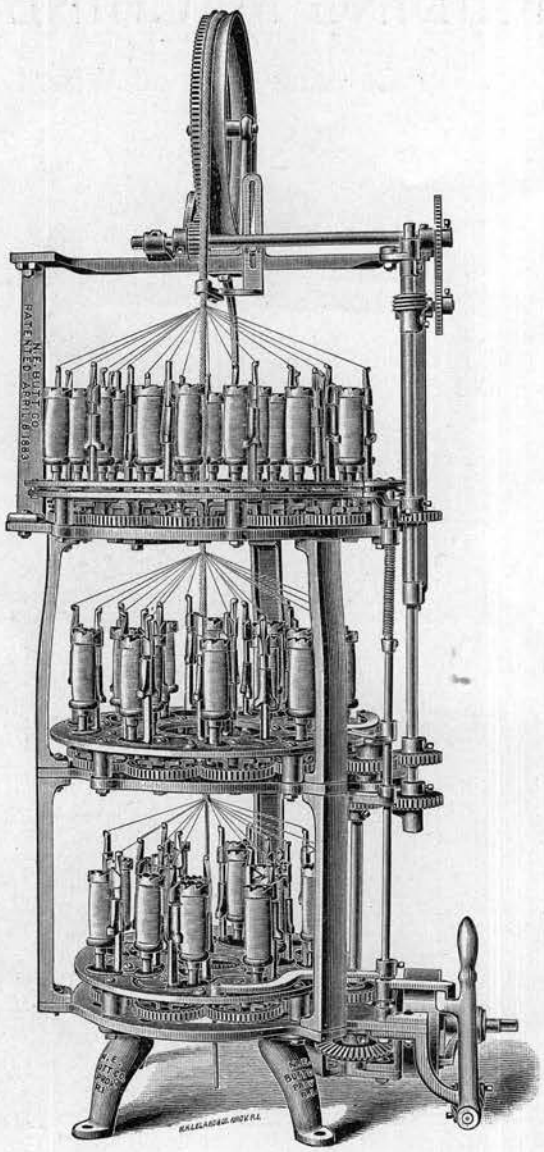
PRICE . . . . . $

Solution Tanks extra, each . . . . . .

Bobbins 3 1-4 in. x 1 3-4 in. Weights 1 oz. to 8 oz.

BRAIDING MACHINERY,

For Covering Electrical Wire.



16 and 20 and 24-Strand, Triple, No. 2, with Wheel Take-up.

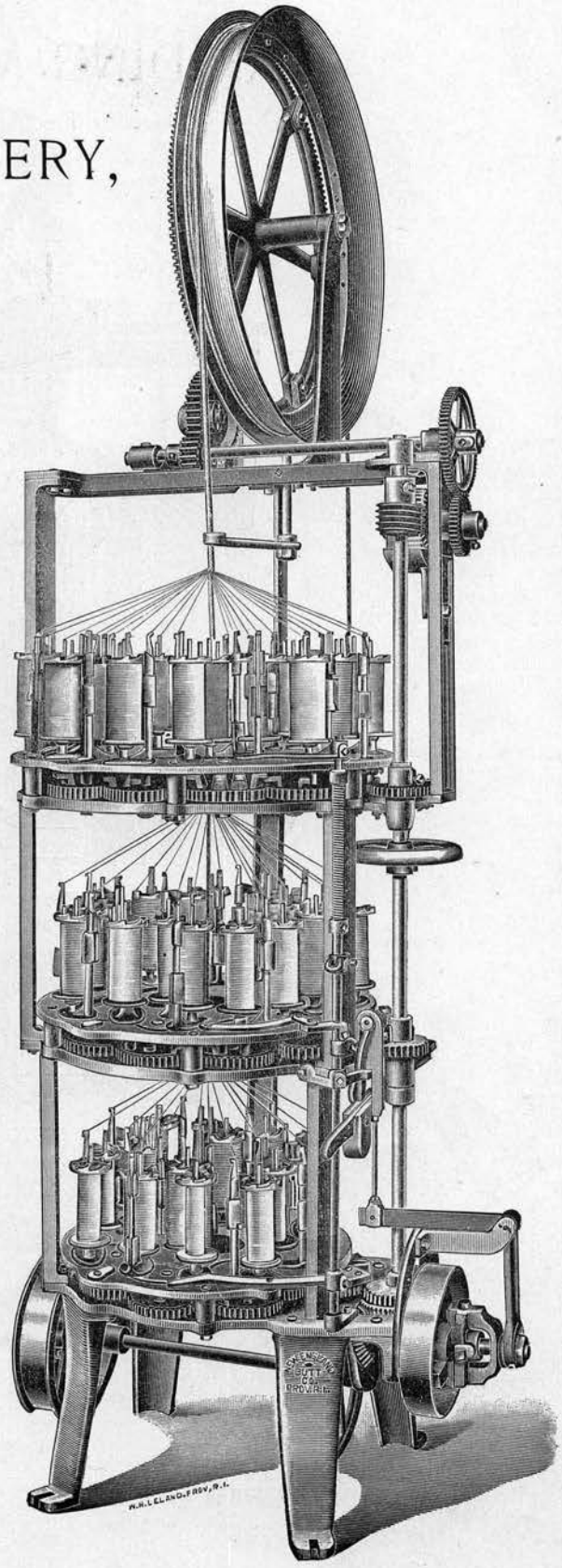
(PATENTED APRIL 3, 1883.)

SIZES.	PRICE.
12 and 16 and 20 Strand,	$
12 and 16 and 24 Strand,	
16 and 16 and 16 Strand,	
16 and 20 and 20 Strand,	
16 and 20 and 24 Strand,	
16 and 24 and 24 Strand,	
24 and 28 and 36 Strand,	

Bobbins 3 1-4 in. x 1 3-4 in. Weights 1 oz. to 8 oz.

BRAIDING MACHINERY,

FOR
COVERING
ELECTRICAL WIRE.



16 and 20 and 24-Strand, Triple,
No. 3, with 32-inch
Wheel Take-up.

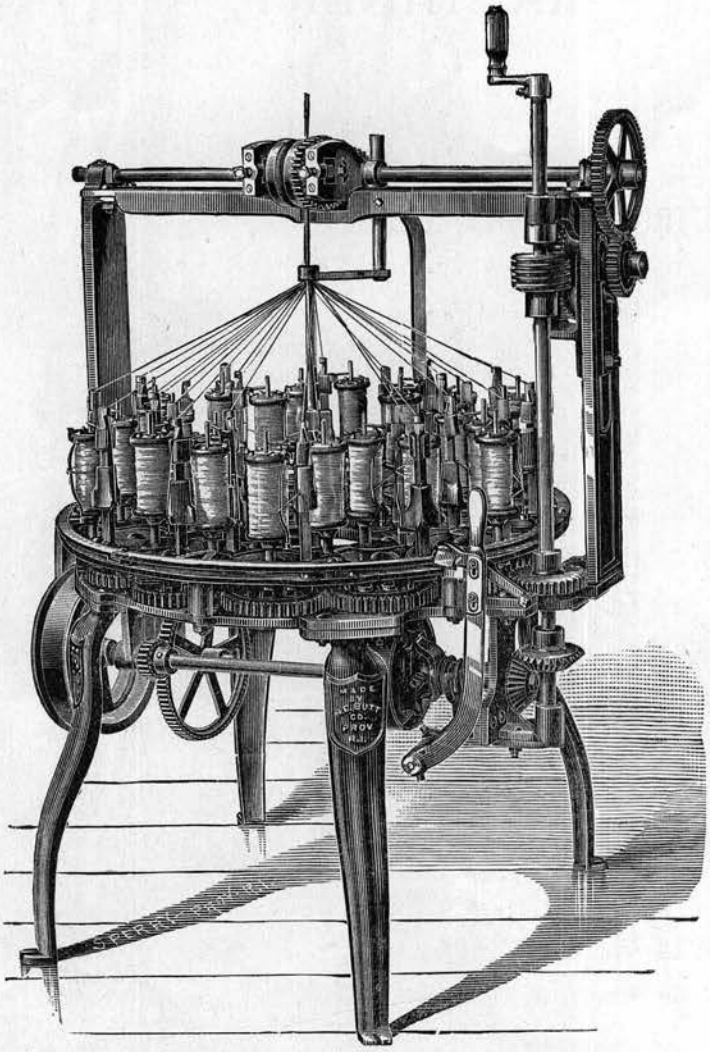
PATENTED
APRIL 3, 1883; AUG. 14, 1893; JULY 3, 1894.

SIZES.	PRICE.
16 and 20 and 24 Strand, .	$
28 and 32 and 36 Strand, .	

Bobbins 4 1-2 in. x 2 1-2 in.
Weights 1 oz. to 8 oz.

BRAIDING MACHINERY,

For Covering Electrical Wire and Cables.



Cable-Covering Braider, No. 1, 24 Strand,

WITH SCORED ROLL TAKE-UP.

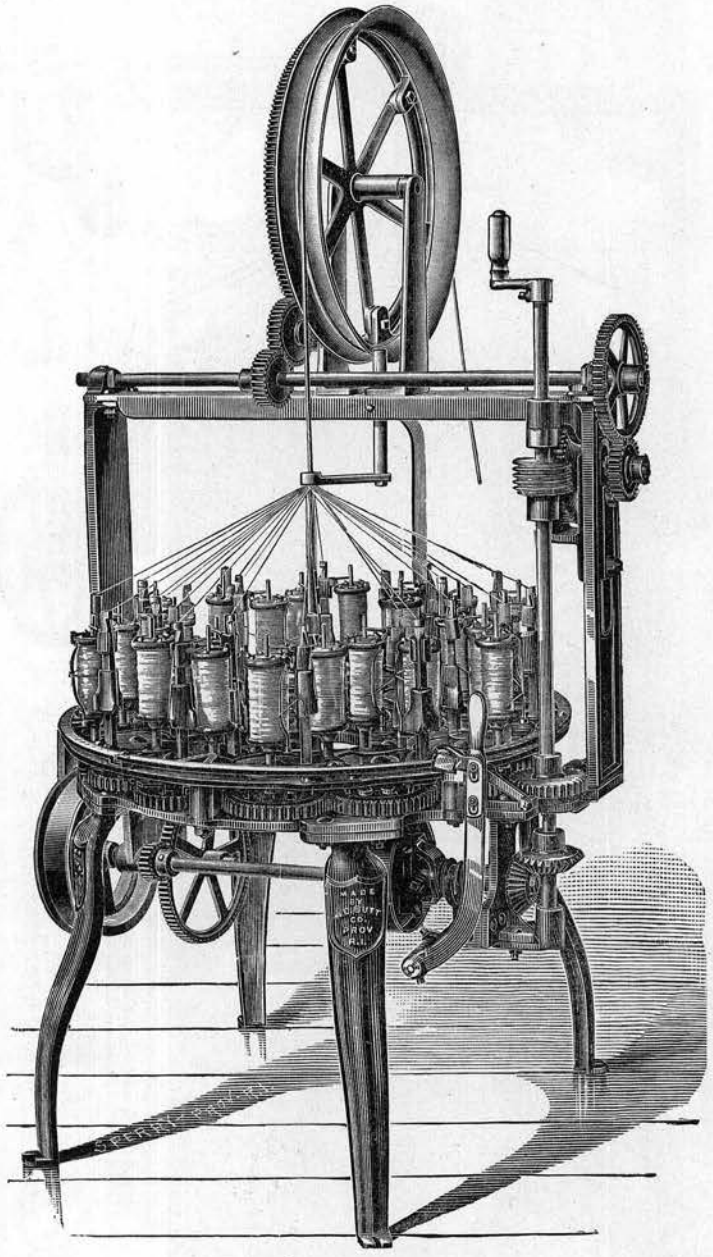
(PATENTED APRIL 3, 1883.)

SIZES.	PRICE.
16 Strand,	$
20 Strand,	
24 Strand,	
36 Strand,	
48 Strand,	

Bobbins 4 1-2 in. x 3 in. Weights 3 oz. to 20 oz.

BRAIDING MACHINERY,

For Covering Electrical Wire and Cables.



Cable-Covering Braider, No. 1, 24 Strand, with Wheel Take-up.

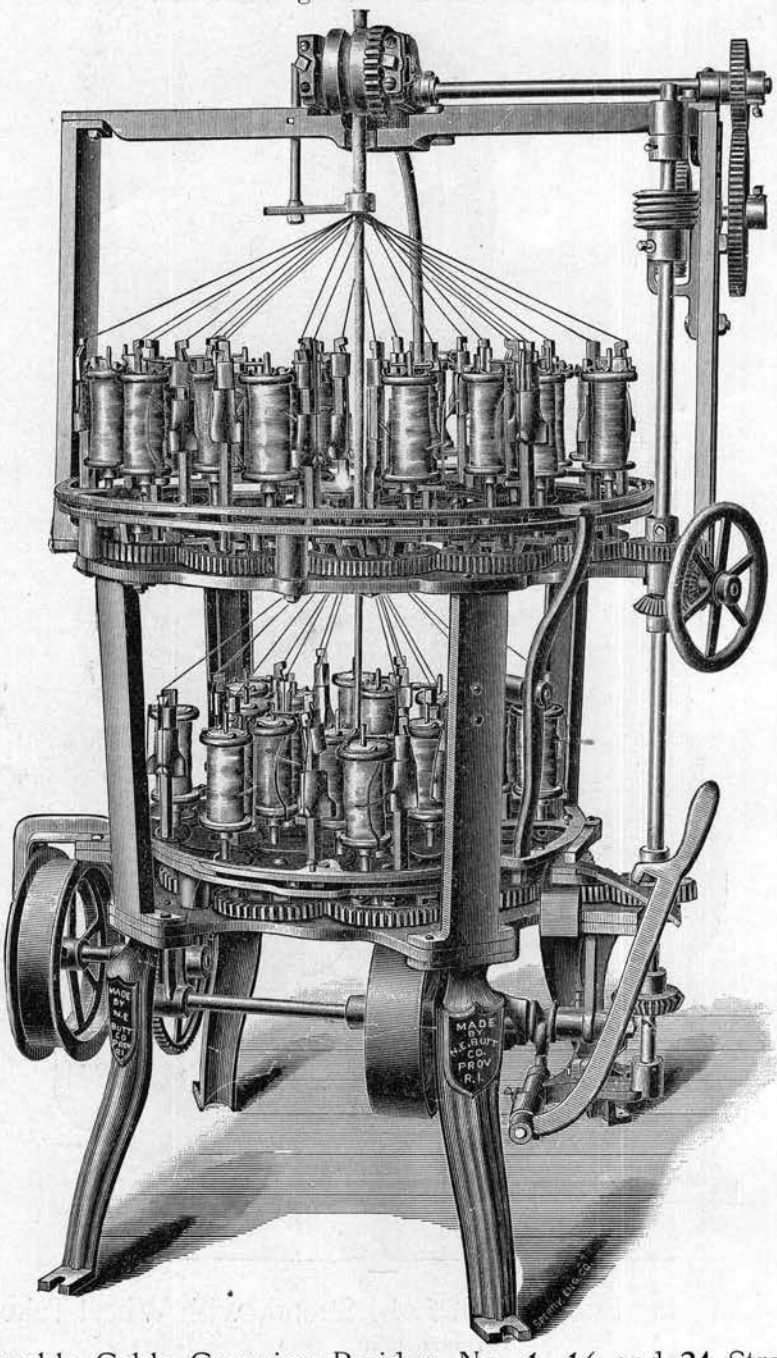
(PATENTED APRIL 3, 1883.)

SIZES.	PRICE.
16 Strand,	$
20 Strand,	
24 Strand,	
36 Strand,	
48 Strand,	

Bobbins 4 1-2 in. x 3 in. Weights 3 oz. to 20 oz.

BRAIDING MACHINERY,

For Covering Electrical Wire and Cables.



Double Cable-Covering Braider, No. 1, 16 and 24 Strand,

SCORED ROLL OR WHEEL TAKE-UP.

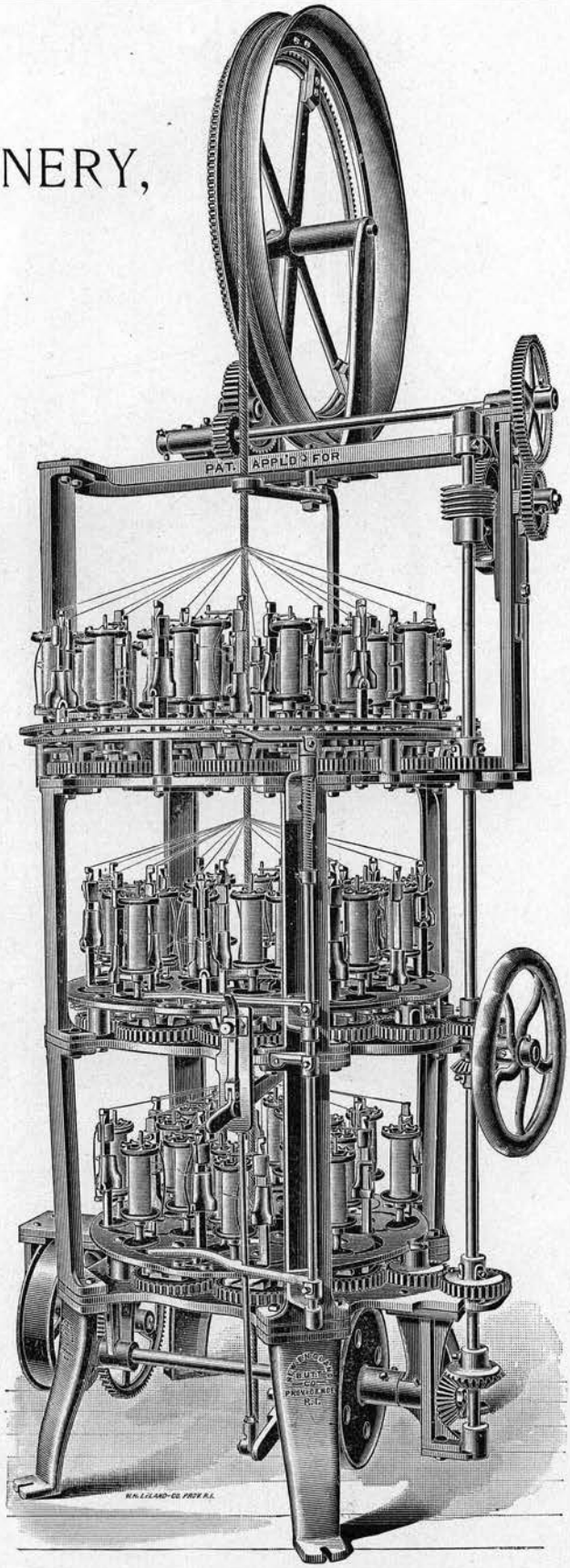
(PAT. APRIL 3, 1883; JULY 3, 1894.)

SIZES.	PRICE.
16 and 24 Strand, Scored Rolls,	$
16 and 24 Strand, 32-in. Wheel Feed,	
24 and 36 Strand, 32-in. Wheel Feed,	

Bobbins 4 1-2 in. x 3 in. Weights 3 oz. to 20 oz.

BRAIDING MACHINERY,

FOR
COVERING
ELECTRICAL WIRE
AND CABLES.



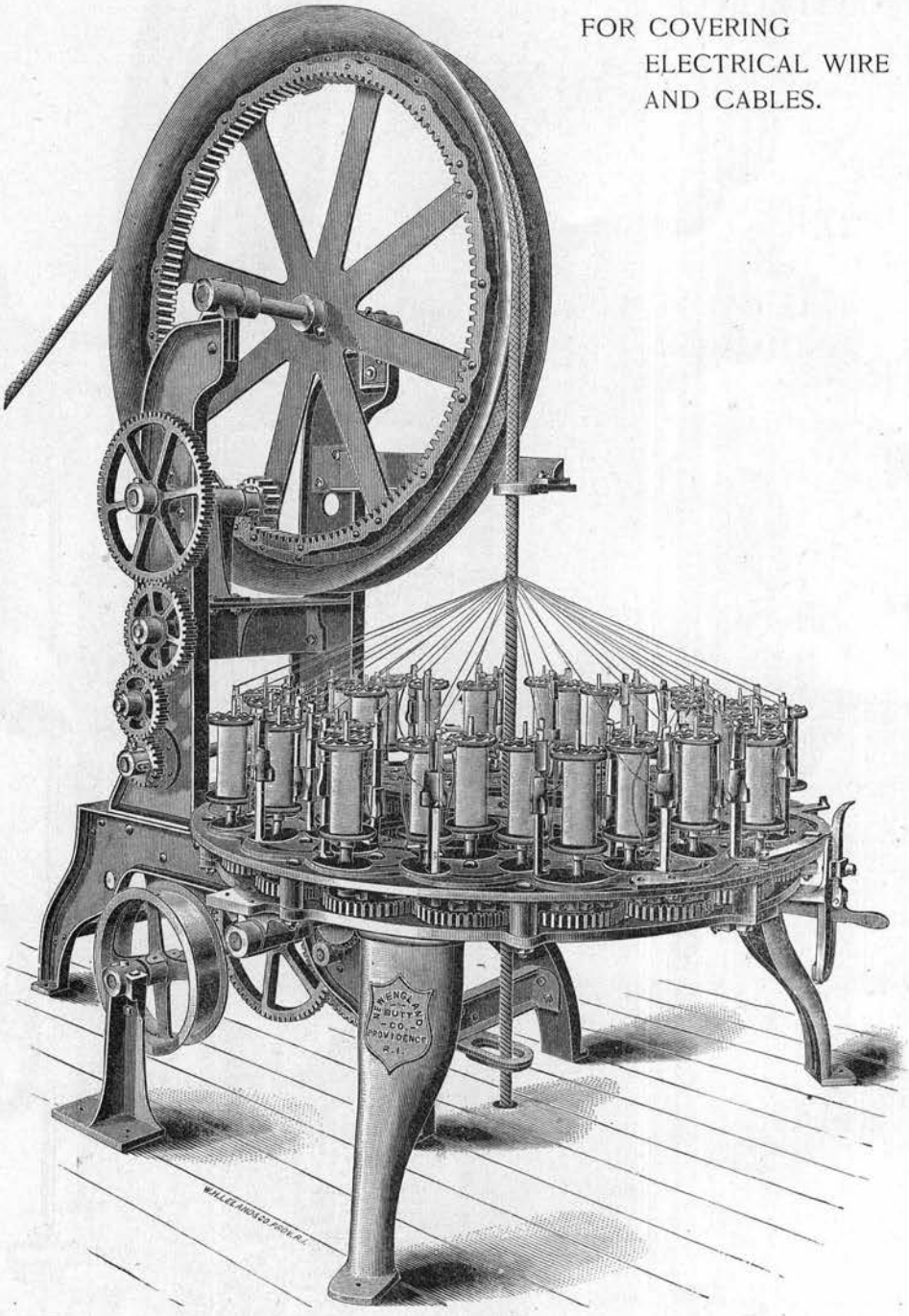
Triple Cable Covering Braider,
No. **1**, **16** and **20** and **24**
Strand, with **32** in.
Wheel Take-up.

(PATENTED APRIL 3, 1883; AUG. 14, 1893; JULY 3, 1894.)

Bobbins 4 1-2 in. x 3 in.
Weights 3 oz. to 20 oz.

BRAIDING MACHINERY,

FOR COVERING
ELECTRICAL WIRE
AND CABLES.



Cable-Covering Braider, No. 2, 36 Strand, with 60 in. Wheel Take-up.

(PATENTED AUG. 14, 1893; JULY 3, 1894.)

36 Strand, ...$

Bobbins 6 1-2 in. x 4 1-2 in. Weights 3 oz. to 20 oz.

BRAIDING MACHINERY,

For Covering Electrical Wire and Cables.

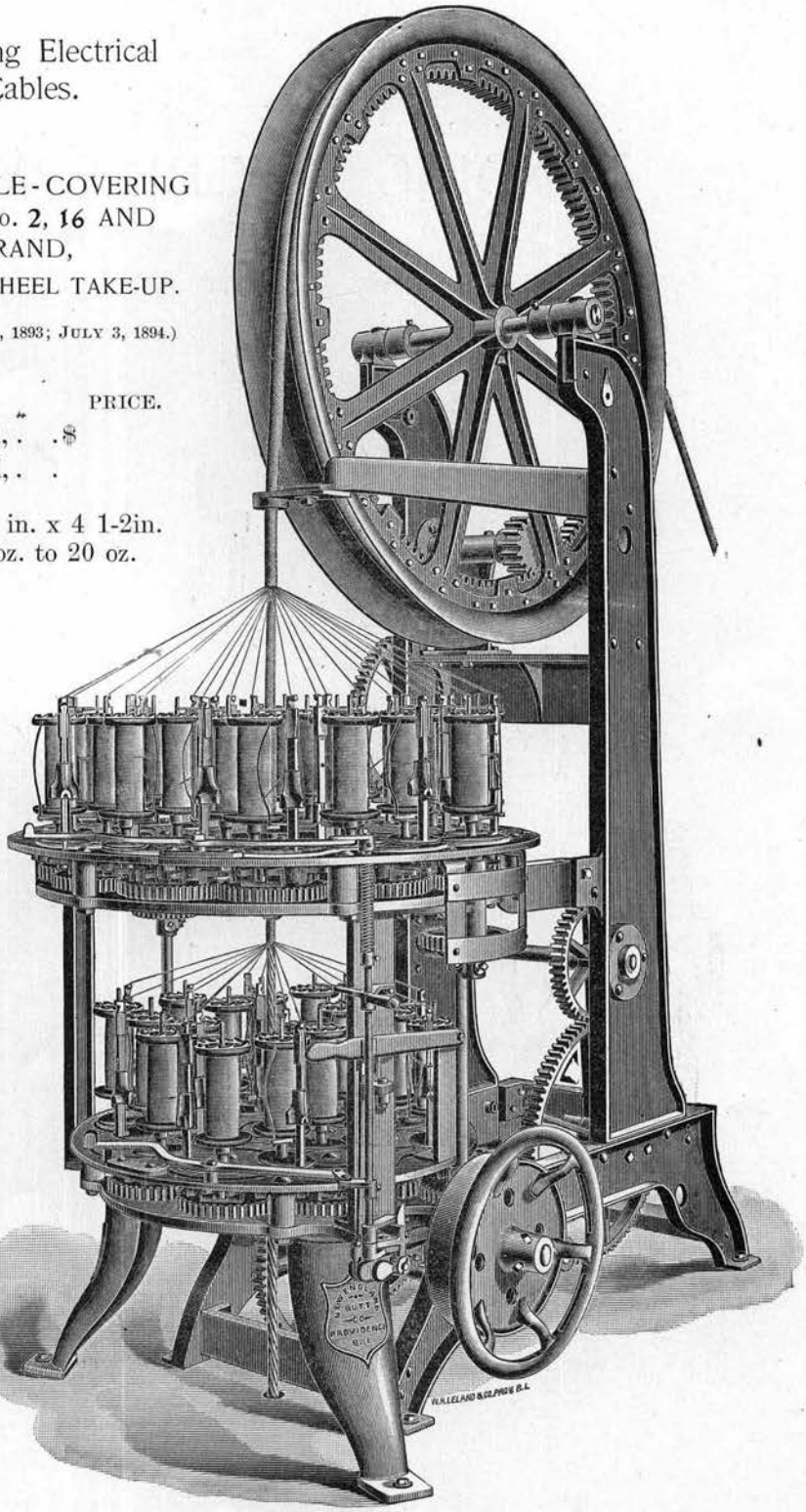
DOUBLE CABLE-COVERING BRAIDER, No. 2, 16 AND 24 STRAND,

WITH 60 IN. WHEEL TAKE-UP.

(PATENTED AUG. 14, 1893; JULY 3, 1894.)

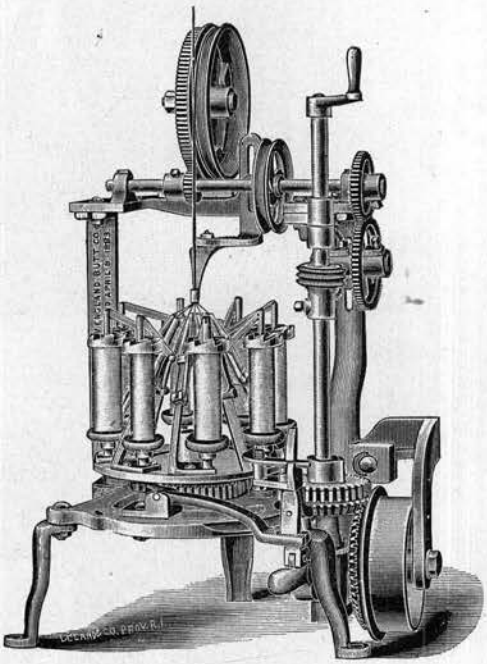
SIZES.	PRICE.
16 and 24 Strand, .	.$
24 and 24 Strand, .	.

Bobbins 6 1-2 in. x 4 1-2in.
Weights 3 oz. to 20 oz.



WINDING MACHINERY,

For Covering Electrical Wire.



8 Spindle Single Winder.

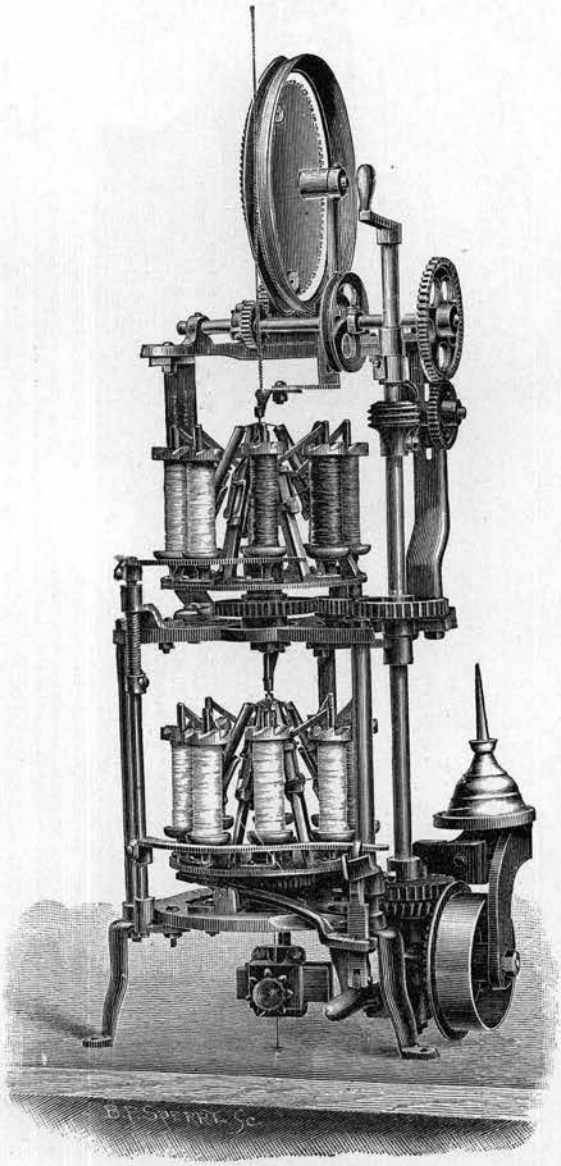
(PATENTED APRIL 3, 1883; NOV. 10, 1885.)

Price . . . . . $

Bobbins 3 5-16 in. x 1 3-4 in.; Feed Wheel 6 in.

WINDING MACHINERY,

For Covering Electrical Wire.



8 Spindle Double and Triple Winders.

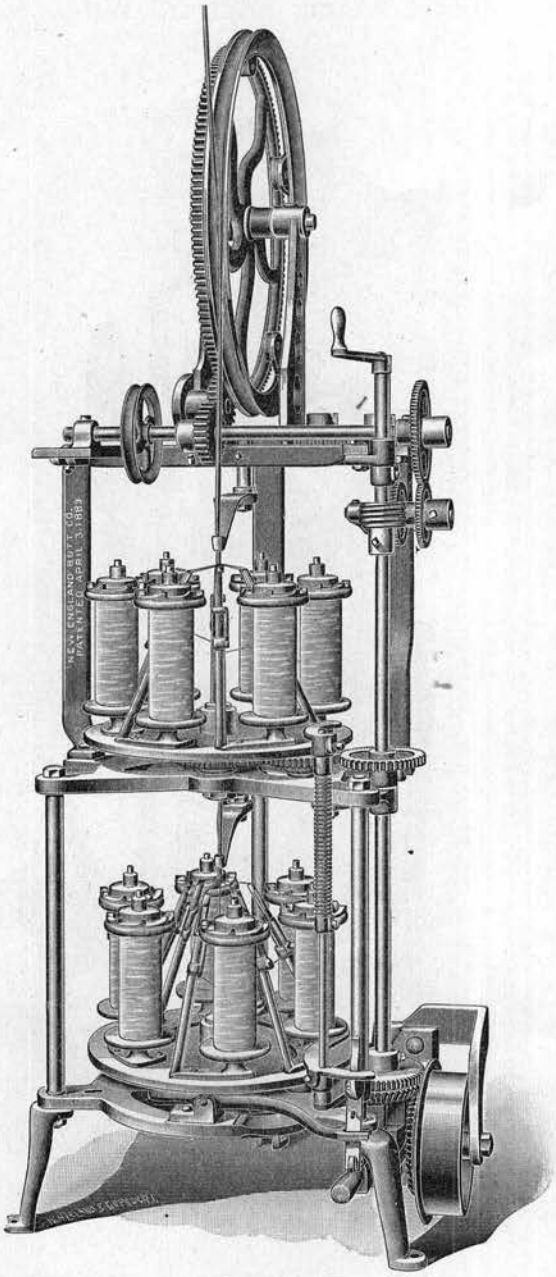
(PATENTED APRIL 3, 1883; NOV. 10, 1885.)

SIZES.	PRICE.
Double Winder,—8 and 8 Strand,	$
Triple Winder,—8 and 8 and 8 Strand,	

Bobbins 3 5-16 in. x 1 3-4 in. Feed Wheel 10 in.

WINDING MACHINERY,

For Covering Electrical Wire.



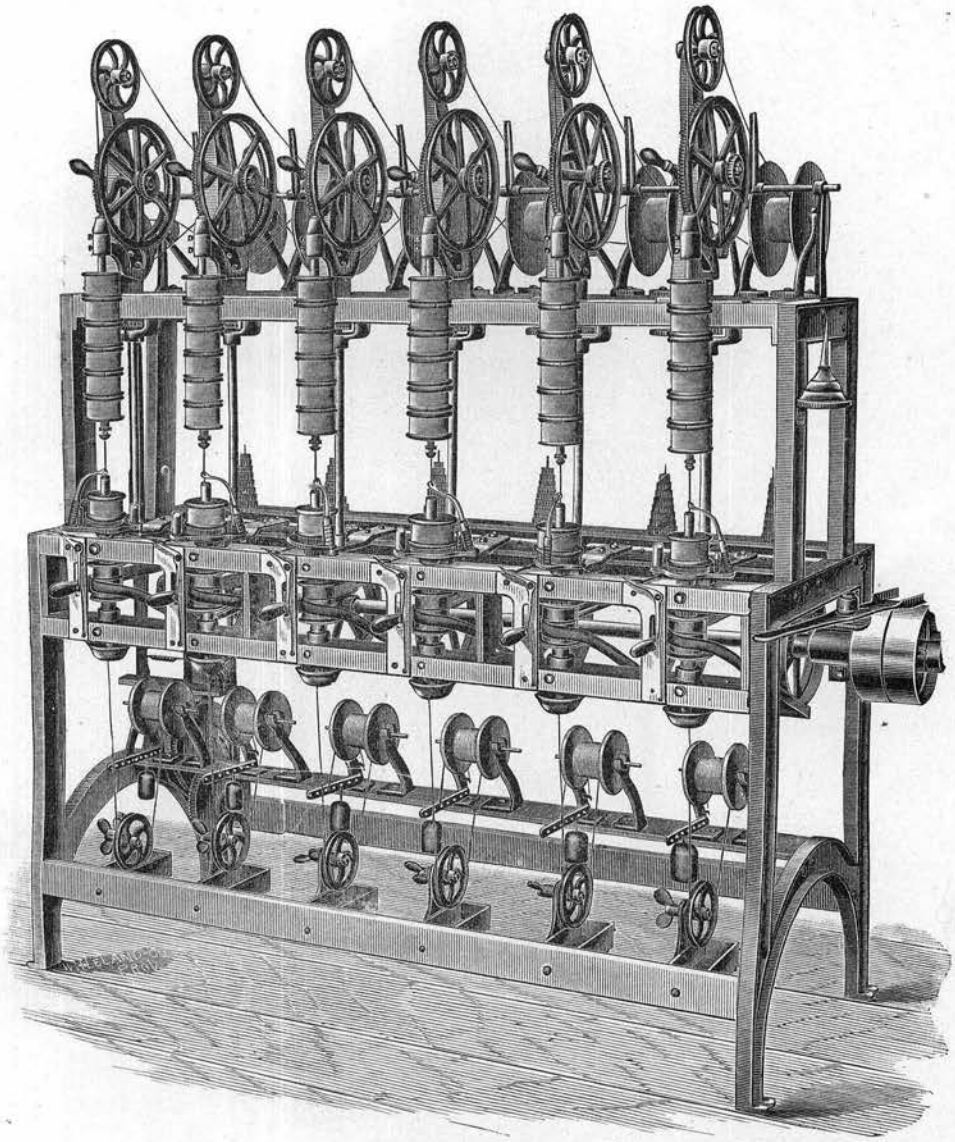
6 Spindle Double and Triple Winder, No. 2,

SIZES.	(PATENTED APRIL 3, 1883; NOV. 10, 1885.)	PRICE,
Double Winder, 6 and 6 Strand,	. . . . .	.$
Triple Winder, 6 and 6 and 6 Strand,	. . . . .	.

Bobbins 4 1-2 in. x 3 in. Feed Wheel 18 in.

WINDING MACHINERY,

For Covering Electrical Wire.



6 Spindle Winder, for Covering Magnet Wire.

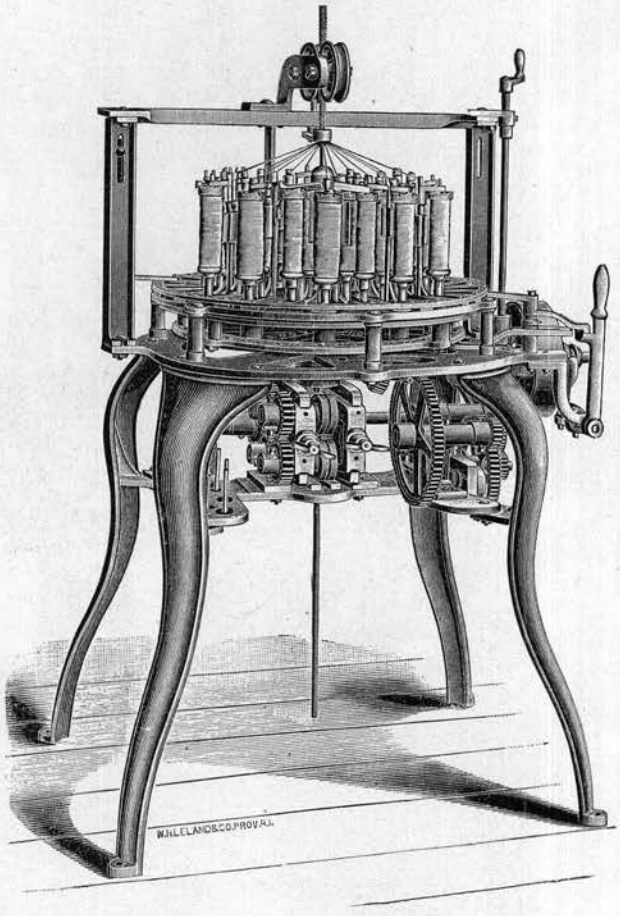
(PATENTED NOV. 4, 1890; JAN. 20, 1891; FEB. 3, 1891; JULY 14, 1891; ENGLAND, NOV. 4, 1890.)

Price . . . $

Spools 1 1-4 in. x 2 7-8 in. Reels 8 in. x 3 1-2 in.

CIRCULAR LOOM,

For Covering Electrical Wire.



24 Warp Circular Loom, with Underneath Feed.

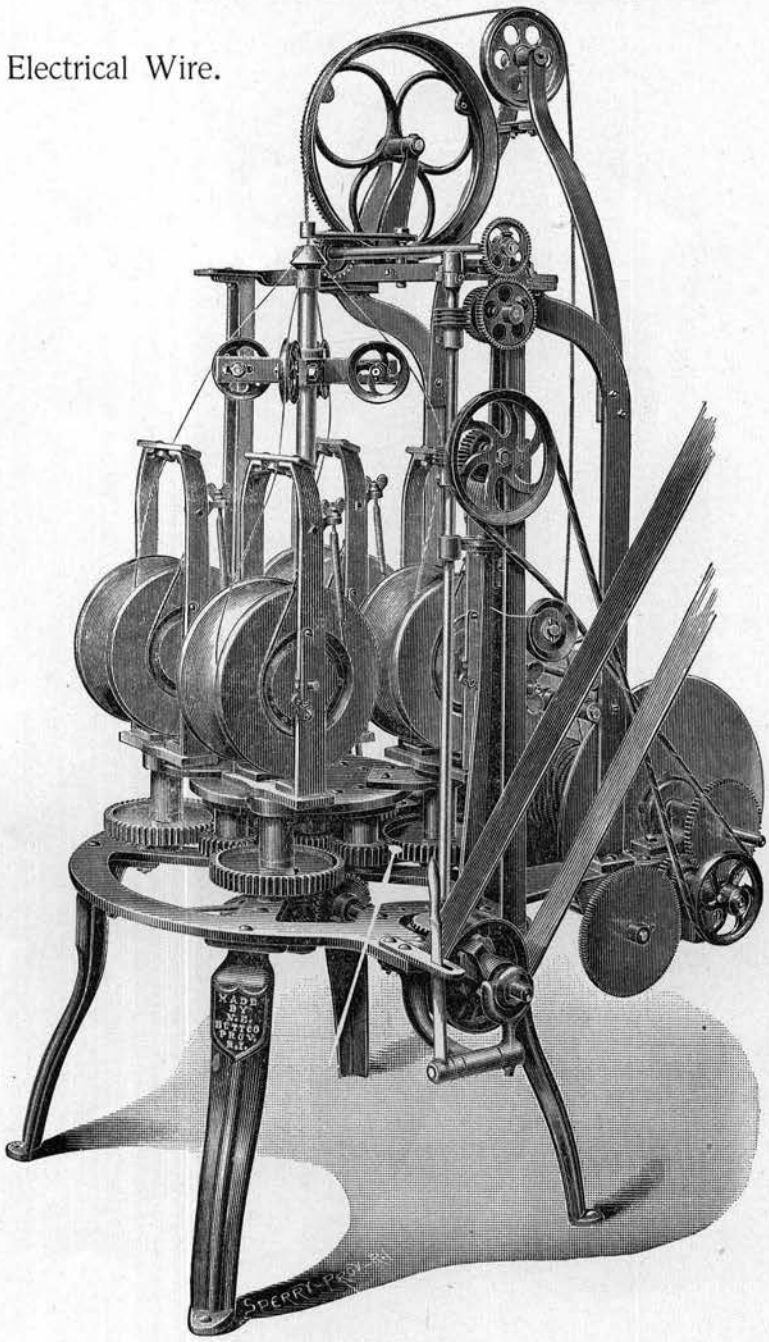
Price, Under Feed, ...$

" Top Feed, ... ,

Bobbins 4 1-2 in. x 1 5-8 in,

CABLING MACHINERY,

For Electrical Wire.



4 Reel Machine, with 14 in. Wheel Take-up.

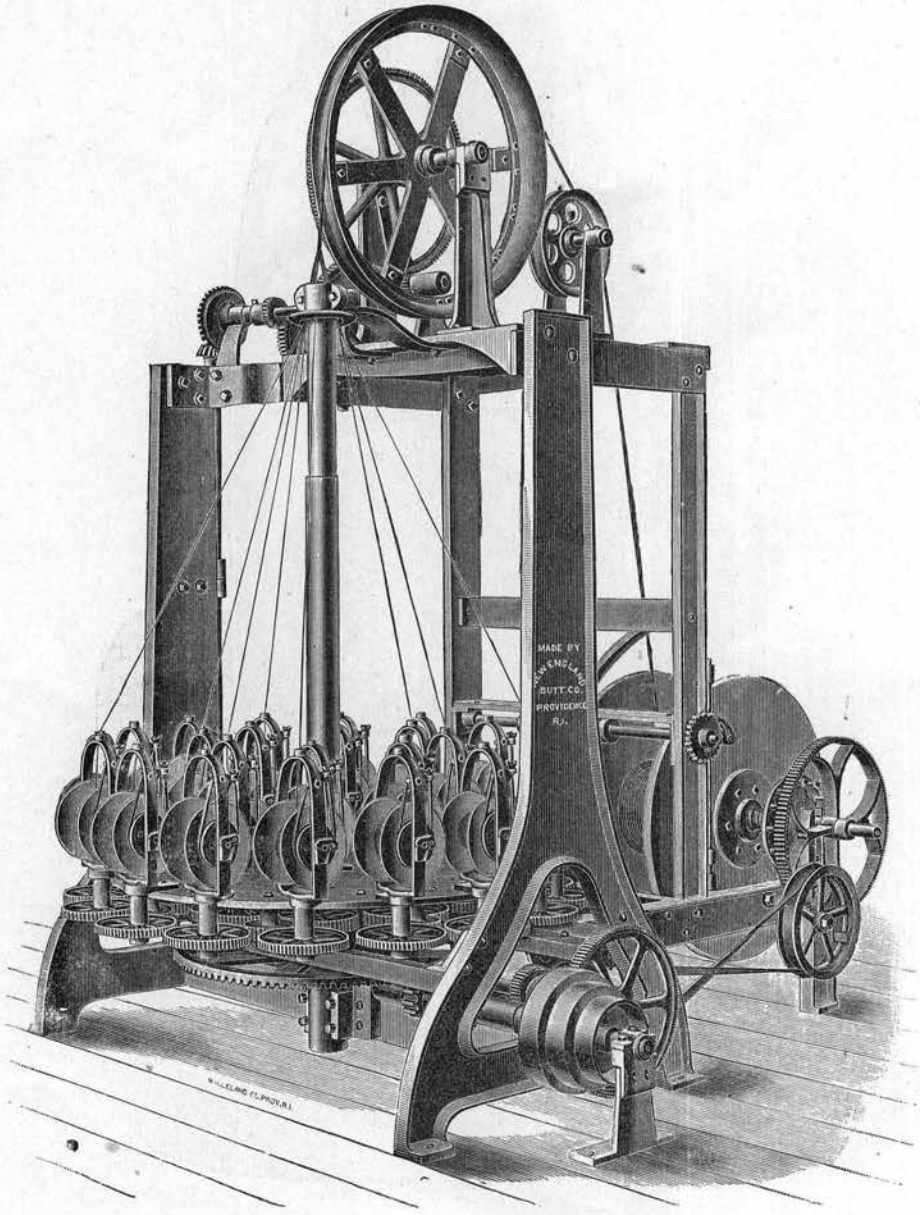
(PATENTED APRIL 3, 1883.)

SIZES.	PRICE.
4 Reel,	$
2 Reel,	

4 Reel Machine, Wood Reels, 11 1-2 in. x 3 1-2 in.
4 Reel Machine, Iron Reels, 11 in. x 4 3-4 in.
2 Reel Machine, Iron Reels, 12 1-2 in. x 6 in.
Take-up Reel, 18 in. x 12 in.

CABLING MACHINERY,

For Electrical Wire.



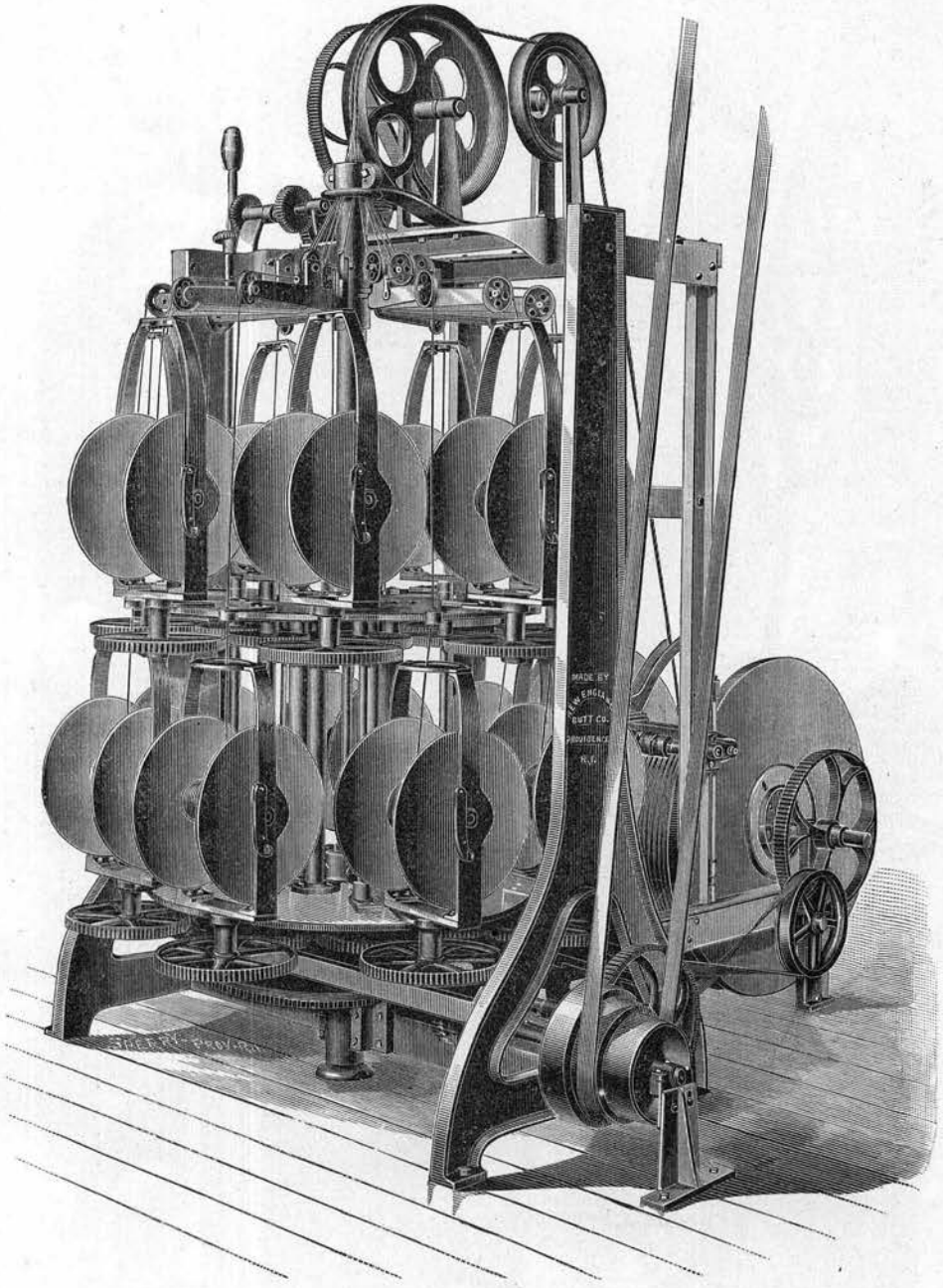
24 Reel Machine.

SIZES.	PRICE.
6 Reel Machine, Reels 12 1-4 in. x 5 3-4 in.,	$
12 Reel Machine, Reels 14 in. x 7 in.,	
24 Reel Machine, Reels 8 in. x 4 in.,	
Reels, extra, 12 1-4 in.,	
Reels, extra, 14 in.,	
Reels, extra, 8 in.,	

Take-up Reel 42 in. x 24 in. Feed Wheel 32 in.

CABLING MACHINERY,

For Electrical Wire.

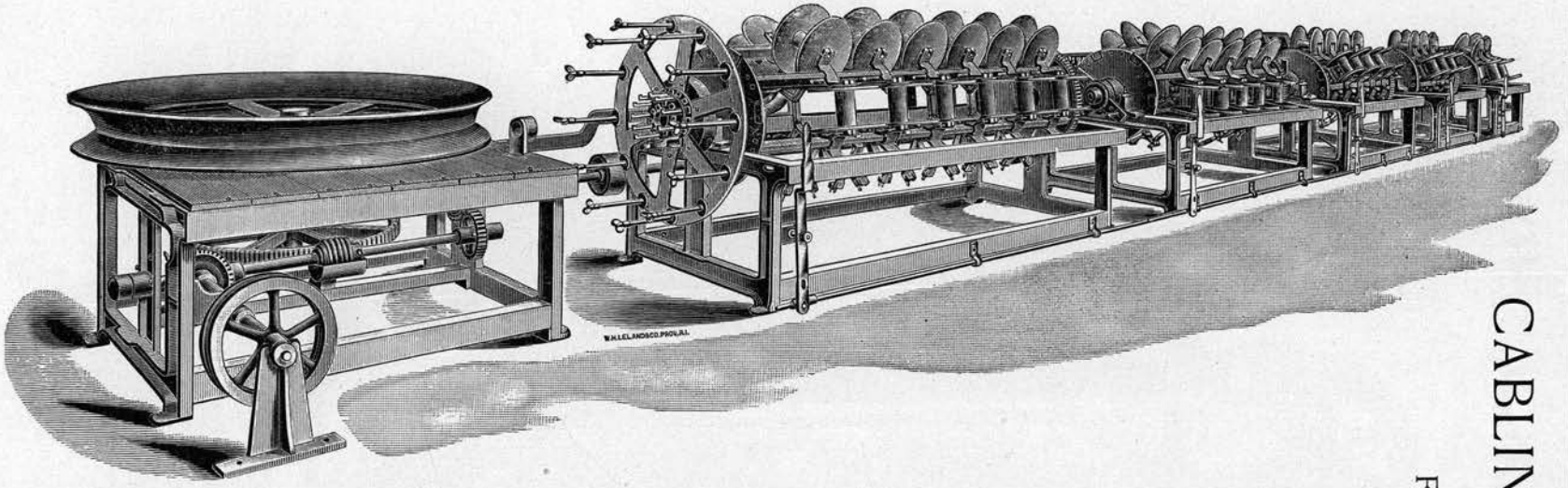


14 Reel Machine.

SIZES.	PRICE.
12 Reel Machine, Reels 17 in. x 9 1-2 in.,	$
14 Reel Machine, Reels 17 in. x 9 1-2 in.,	
Reels, extra,	
Take-up Reel 42 in. x 24 in. Wheel Take-up 24 in.	

CABLING MACHINERY,

For Electrical Wire.



120 Reel Machine, for Telephone and Small Wire Cables.

SIZES.	PRICE. (*Without Reels.*)
120 Reel Machine, 5 Heads of 12, 18, 24, 30, 36 Reels; Reels 14 in. x 7 in., . .	.$
126 Reel Machine, 6 Heads of 6, 12, 18, 24, 30, 36 Reels; Reels 14 in. x 7 in., . .	

SPECIAL MACHINE.

133 Reel Machine, Heavy Pattern; Reels 24 in. x 24 in., ...

6 Heads of 6, 12, 20, 25, 30, 40 Reels.

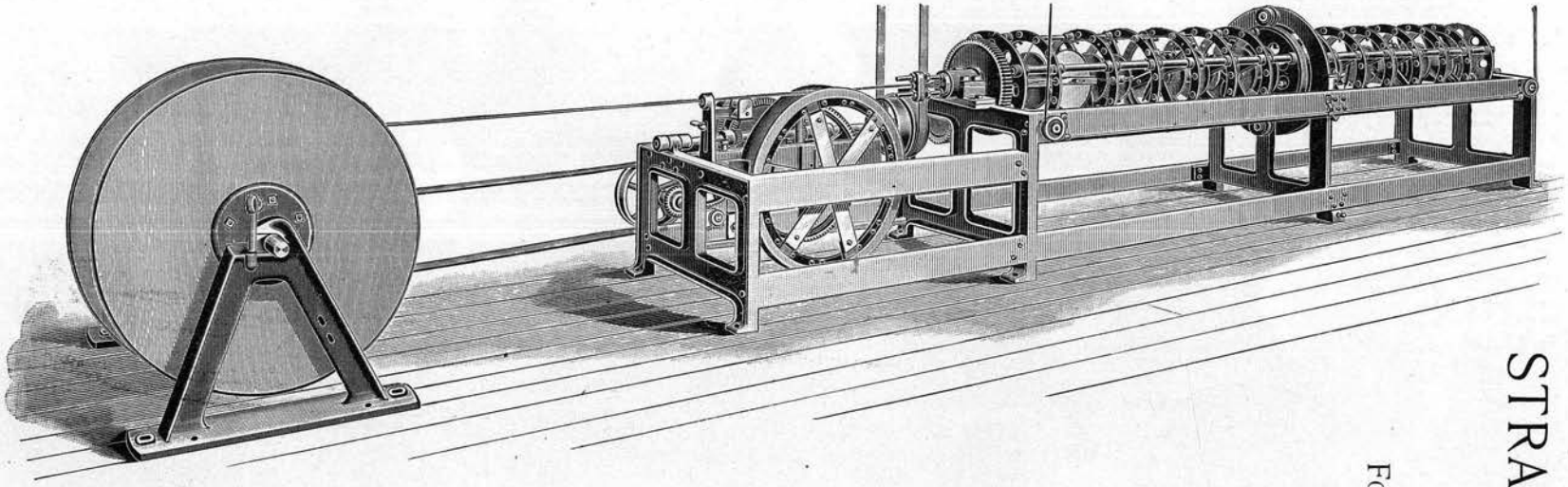
Binding and Jute Attachments. Feed Wheel 60 in. diameter.

Price of Reels, 14 in. x 7 in., ...$

" " 24 in. x 24 in., ...

STRANDING MACHINERY,

For Making Cable Cores.



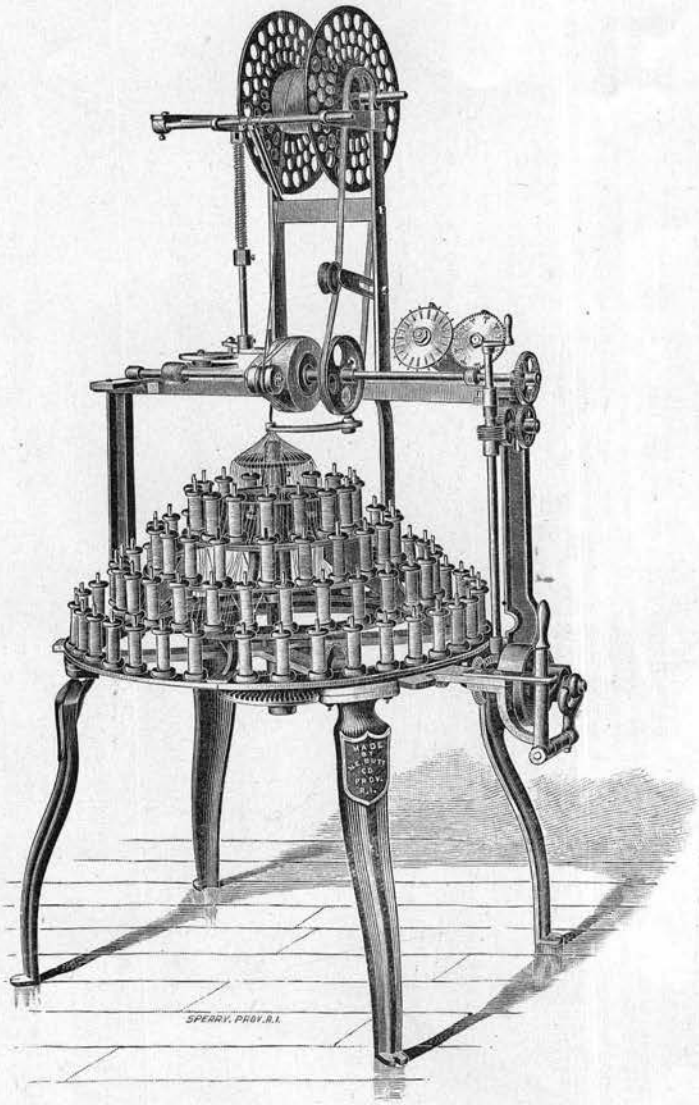
12 Reel Machine, High Speed.

SIZES.	PRICE. (*Without Reels.*)
6 Reel Machine; Reels, 14 in. x 7 in.,	$
12 Reel Machine; Reels, 10 in. x 7 in.,	
Reels, extra, 14 in. x 7 in.,	
Reels, extra, 10 in. x 7 in.,	

Feed Wheel 32 in. Take-up Reel 44 in. x 28 in. Speed of Head 200 revs.

STRANDING MACHINERY,

For Electrical Cord.



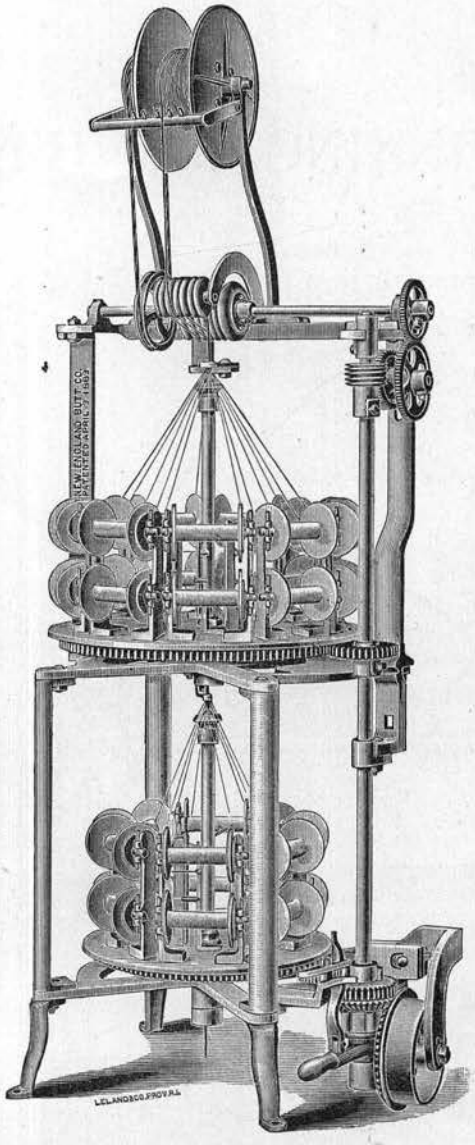
100 Spool Machine,

FOR STRANDING ANY NUMBER OF WIRES UP TO 100, AND MEASURING THE SAME.

SIZES.	PRICE.
50 Spool Machine, ...	$
100 Spool Machine, ...	

STRANDING MACHINERY,

For Electrical Cord.



Improved Double Stranding Machine, 12 and 18 Spools,

WITH AUTOMATIC STOP MOTION.

(PATENTED APRIL 3, 1883.)

Price, with one Set Bronze Spools, . . .$

Price, with one Set Iron Spools, . . .

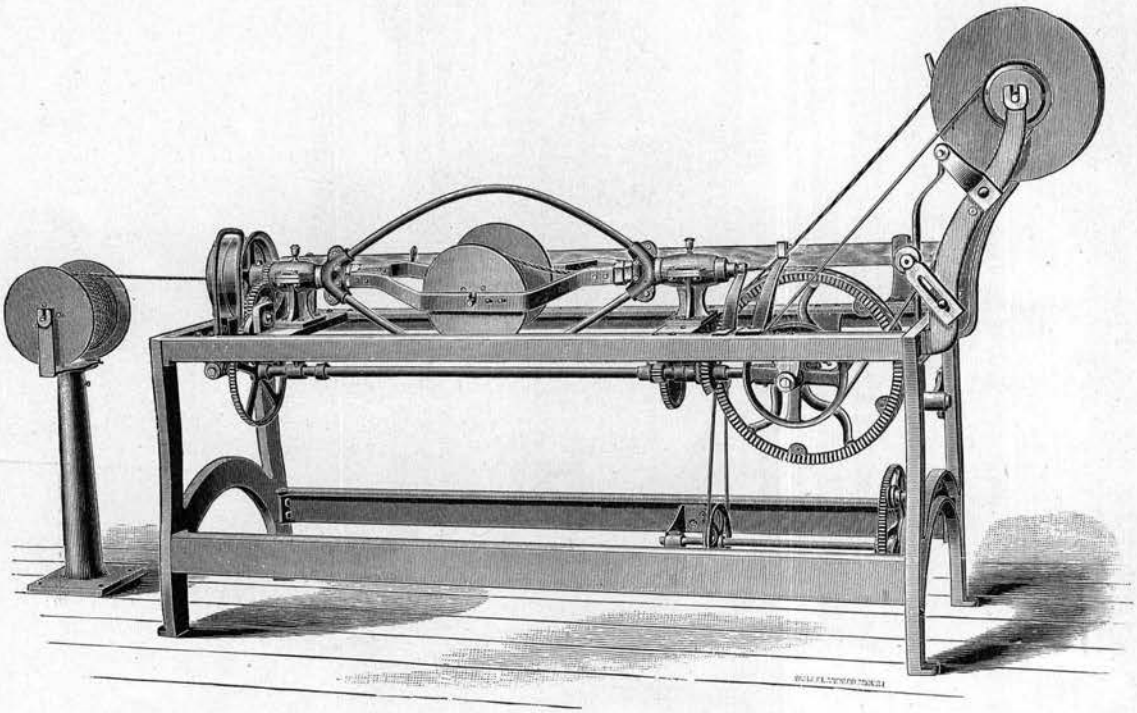
Extra Bronze Spools, ...

Extra Iron Spools, ...

Spools 3 in. x 2 3-4 in.

TWINNING MACHINE,

For Twinning Lamp Cords and Telephone Pairs.



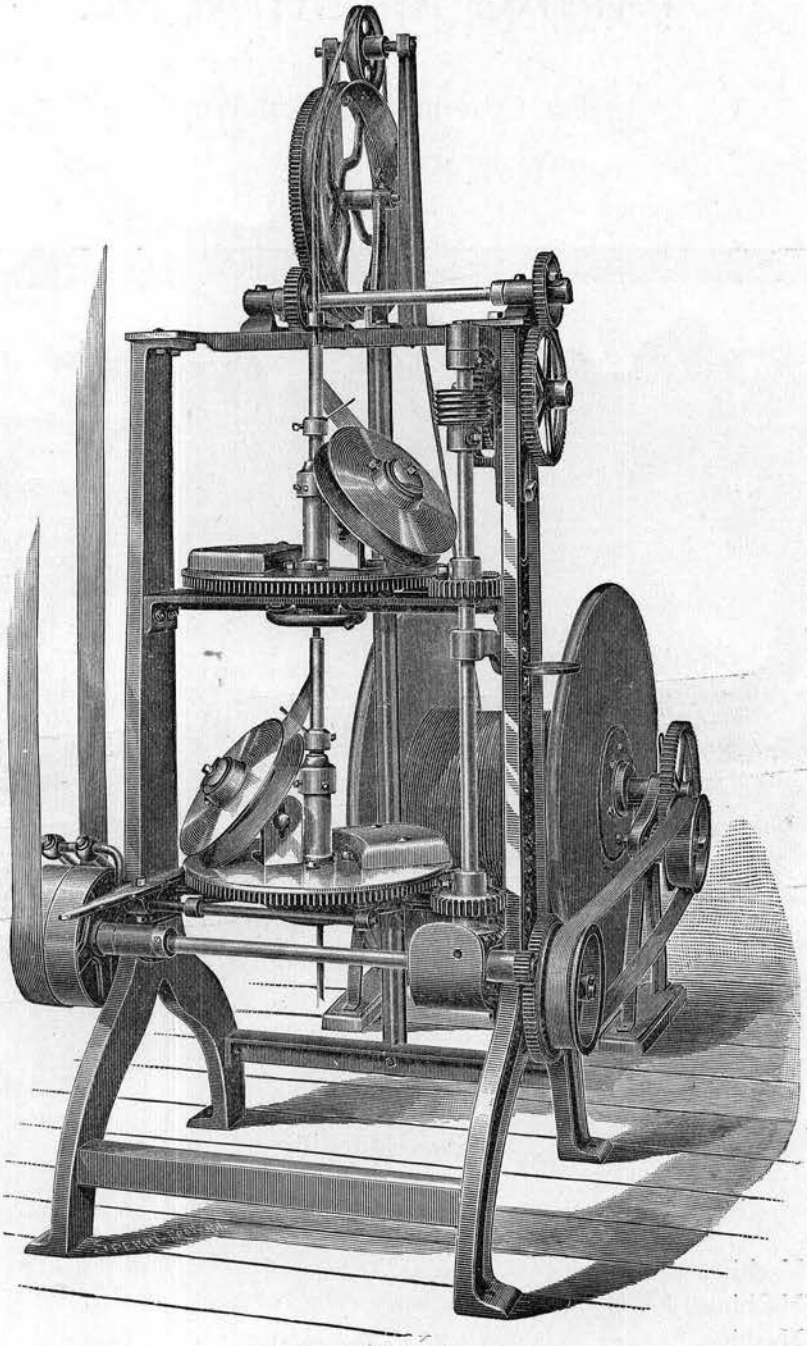
Price, ...$

Speed of Pulley 240 revs.

Reels 10 in. x 7 in. and 14 in. x 7 in.

TAPING MACHINERY,

For Covering Electrical Wire.



2 Reel Machine.

(PATENTED APRIL 3, 1883; OCT. 1, 1889.)

Machine, ... $

Machine, with Reel Fixture, ...

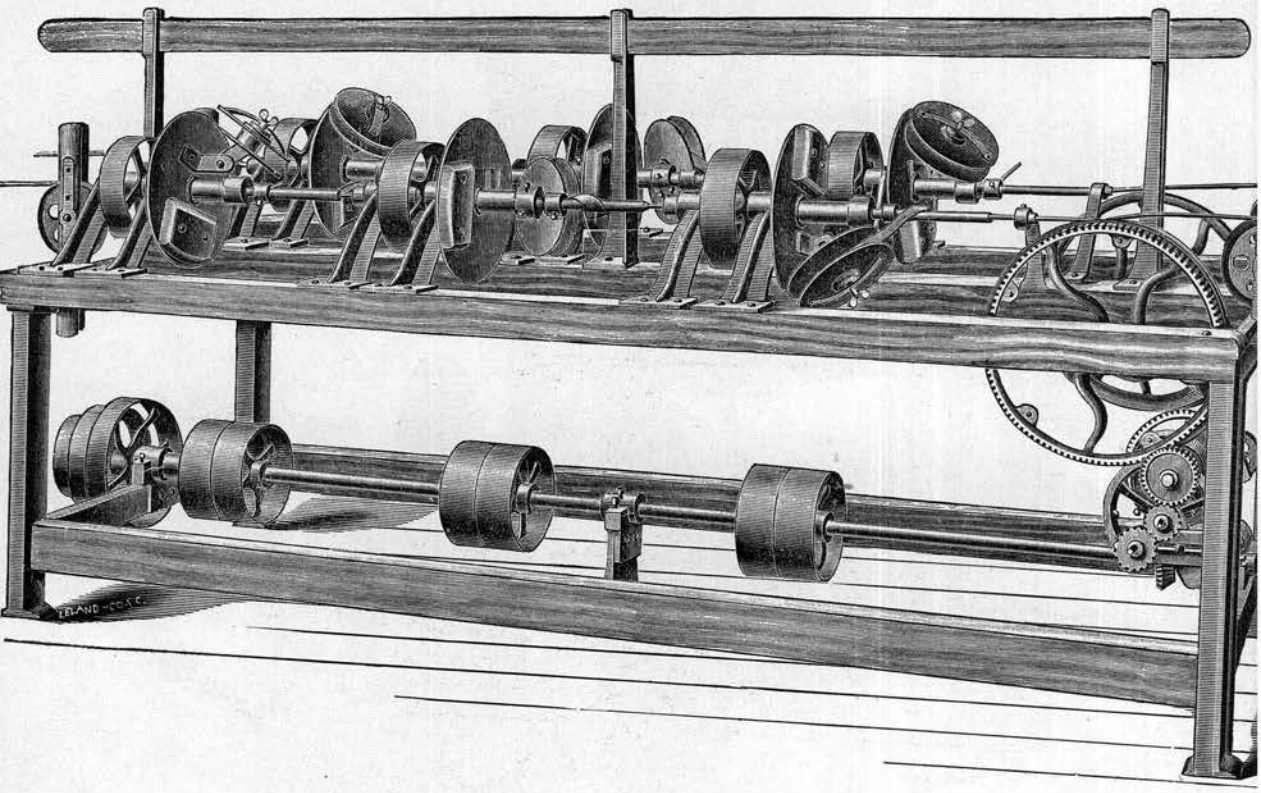
Machine, with Reel Fixture and Reel, ...

Reels 10 1-2 in. diameter. Width of Tape 1-4 in. to 1 1-2 in.

Hole in Spindle 1 1-4 in. Feed Wheel 18 in.

TAPING MACHINERY,

For Covering Electrical Wire.



6 Reel Machine.

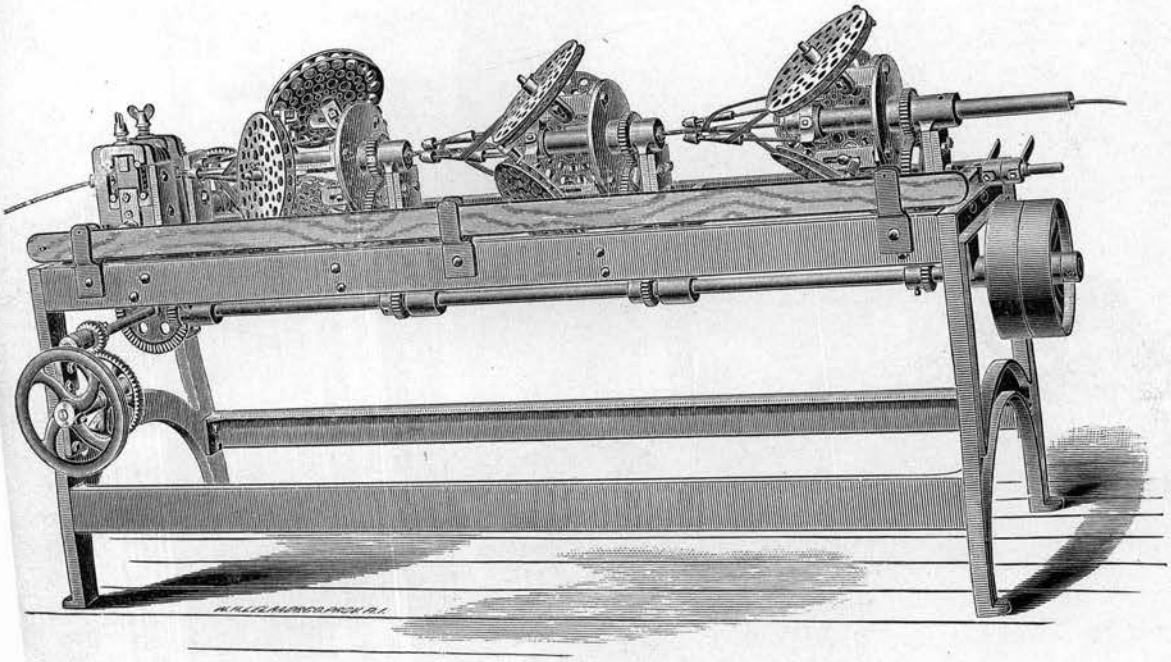
(PATENTED OCT. 1, 1889.)

SIZES.	PRICE.
2 Reel Machine,	$
4 Reel Machine,	
6 Reel Machine,	
2 Reel Machine, Heavy Pattern (12 in. Reels)	

Reels 9 in. Diameter. Width of Tape 1-4 in. to 1 1-4 in.
Hole in Spindle 1 in. Feed Wheel 18 in.

TAPING MACHINERY,

For Covering Electrical Wire.



9 Reel Machine.

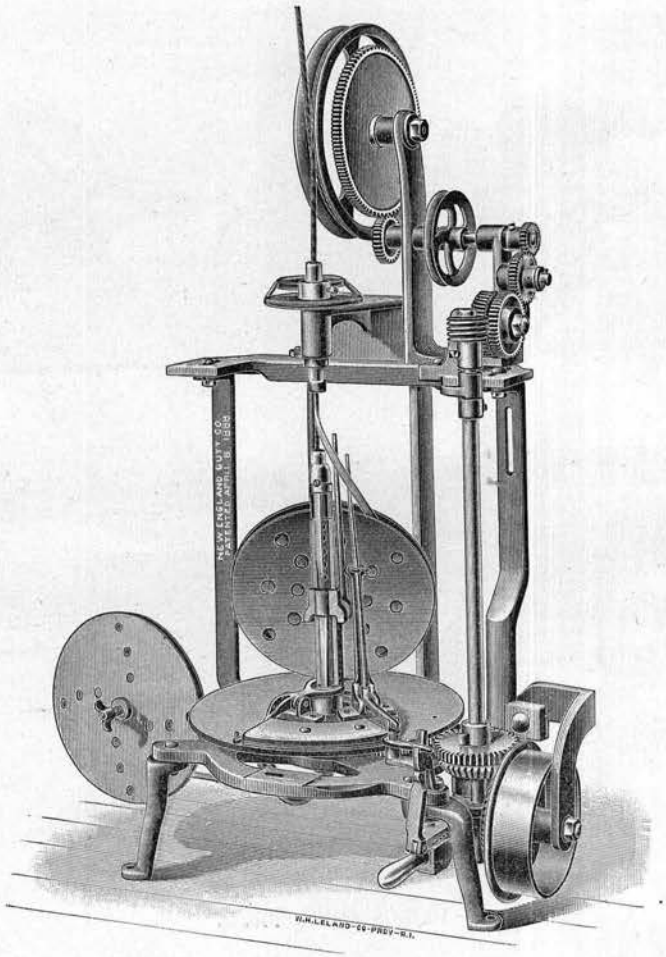
FOR PAPER TAPE.

Price, ...$

Reels 10 in. Diameter. Width of Tape 1-4 in. to 3-4 in.
Hole in Spindle 3-4 in.

PAPER-COVERING MACHINE,

For Electrical Wire.



First covering laid on parallel, the second is wound on.

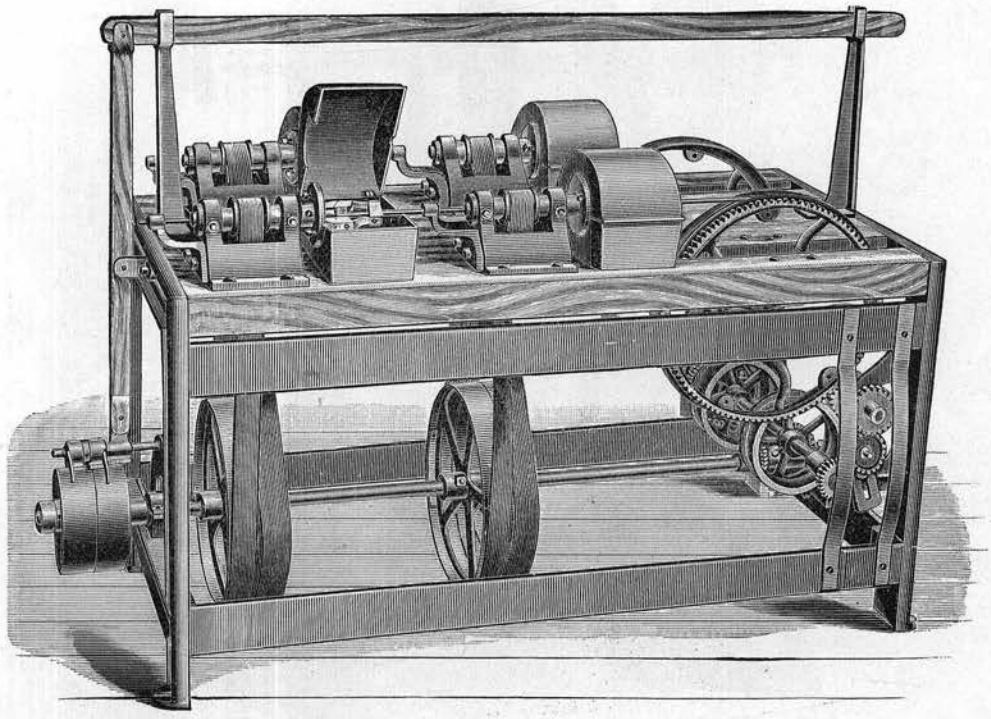
Machine has Automatic Stop Motion.

Reels 9 1-2 in. Width of Paper 1-2 in.

Price, ...$

POLISHING MACHINERY,

For Electrical Wire.



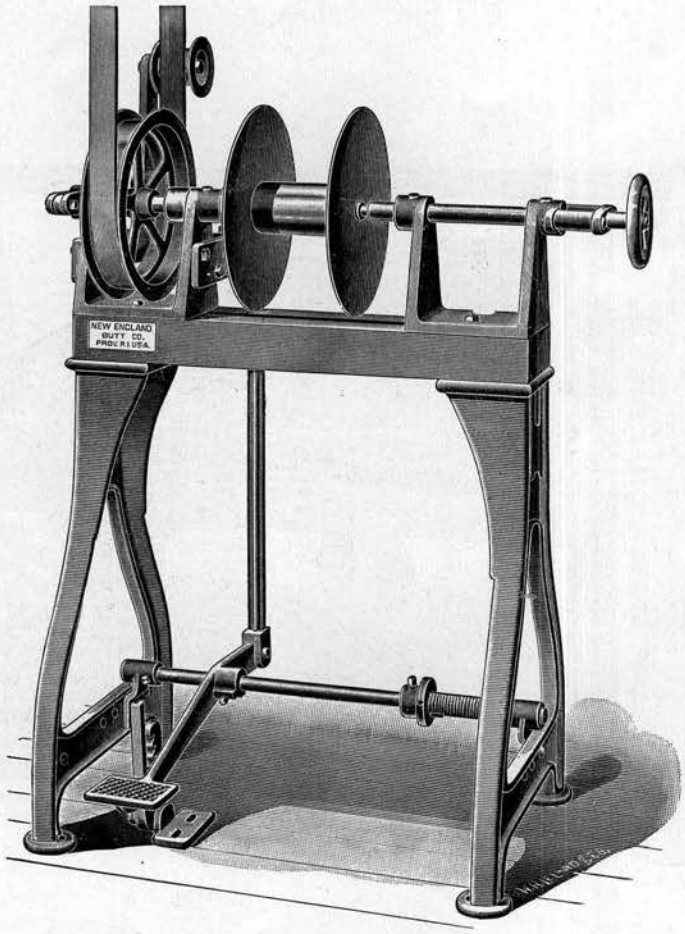
4 Head Machine.

SIZES.	PRICE.
Four Head Machine, ...	$

Pulley 8 in. x 2 1-2 in. Speed of Pulley 350 Revolutions.

Gives 2,800 Revolutions of Heads.

ELECTRIC WIRE MACHINERY.



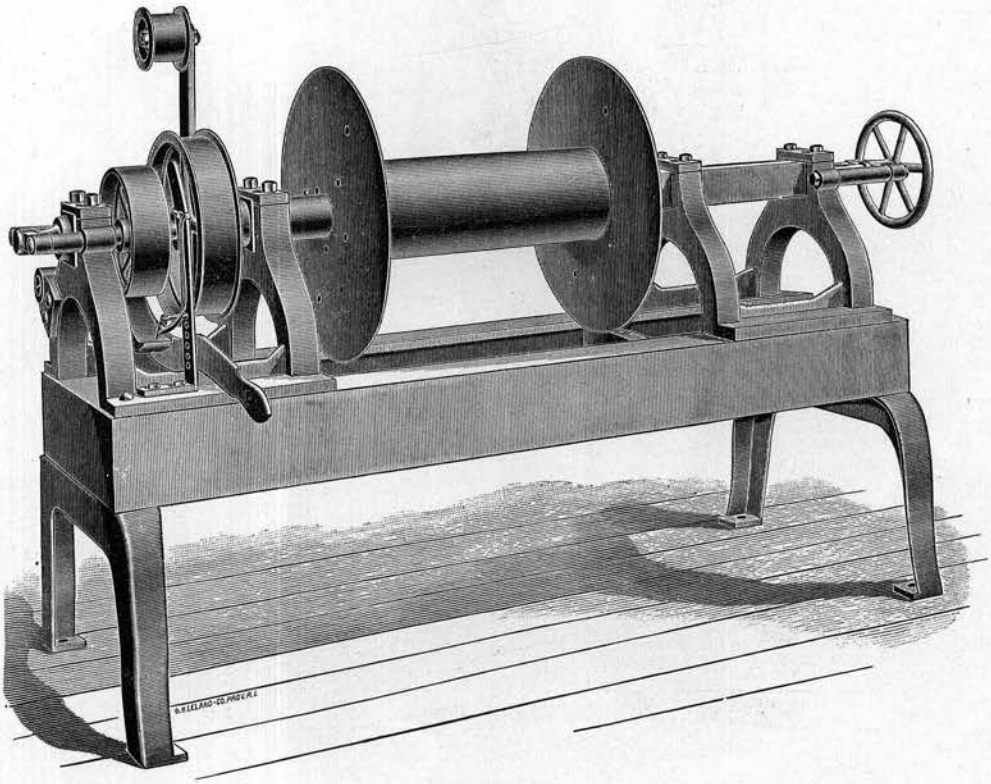
No. 1 Reel Filling Machine.

Swings 14 in. x 7 in.

Price, ...$

Price, with Traverse Motion, ...

ELECTRIC WIRE MACHINERY.

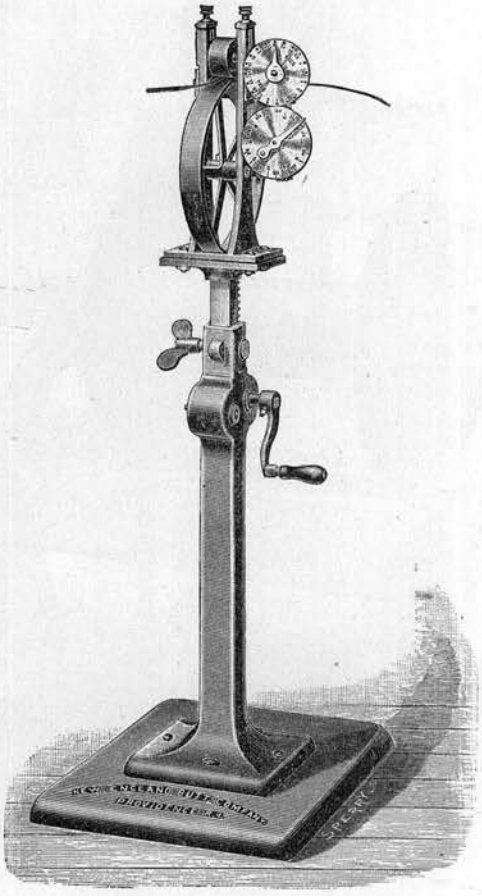


No. 2 Reel Filling Machine.

Swings 24 in. x 24 in.

Price, ...$

ELECTRIC WIRE MACHINERY.



No. 1 Measuring Machine.

Adjustable to different heights.

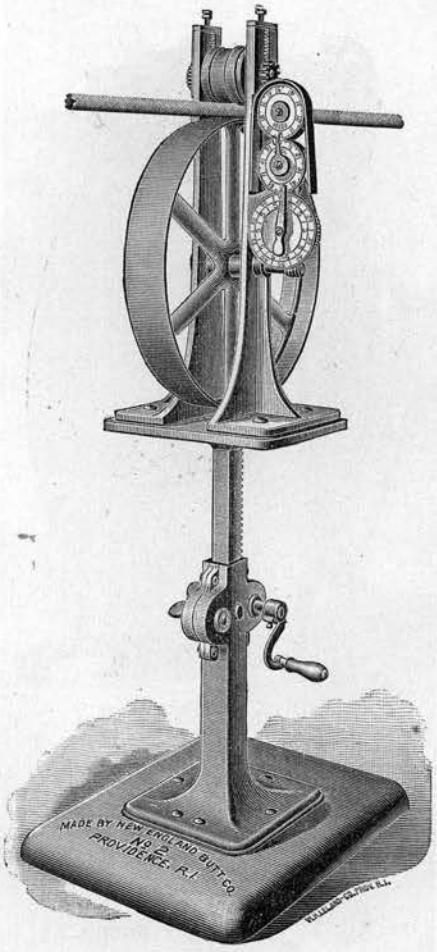
Stop Motion Attachment.

Capacity Five to Ten Thousand Feet.

Price with Standard, ... $

Price without Standard, ...

ELECTRIC WIRE MACHINERY.



No. 2 Measuring Machine.

Adjustable to different heights.

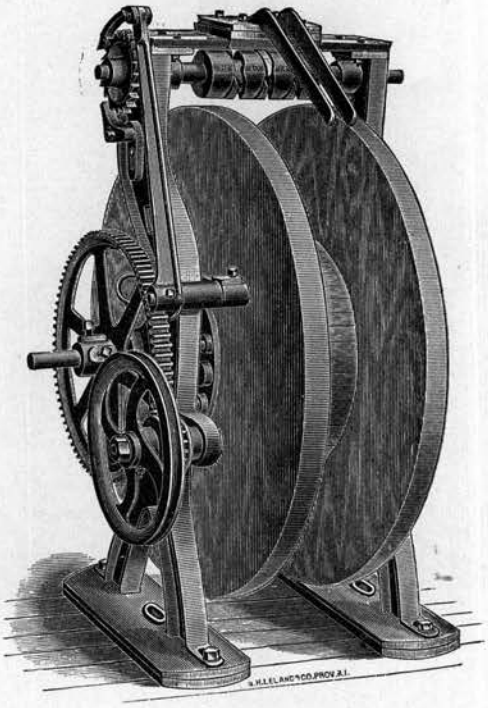
Stop Motion Attachment.

Capacity Five to Ten Thousand Feet.

Price, with Standard, ... $

Price, without Standard, ...

ELECTRIC WIRE MACHINERY.



Take-Off Reel Fixture with Top Traverse.

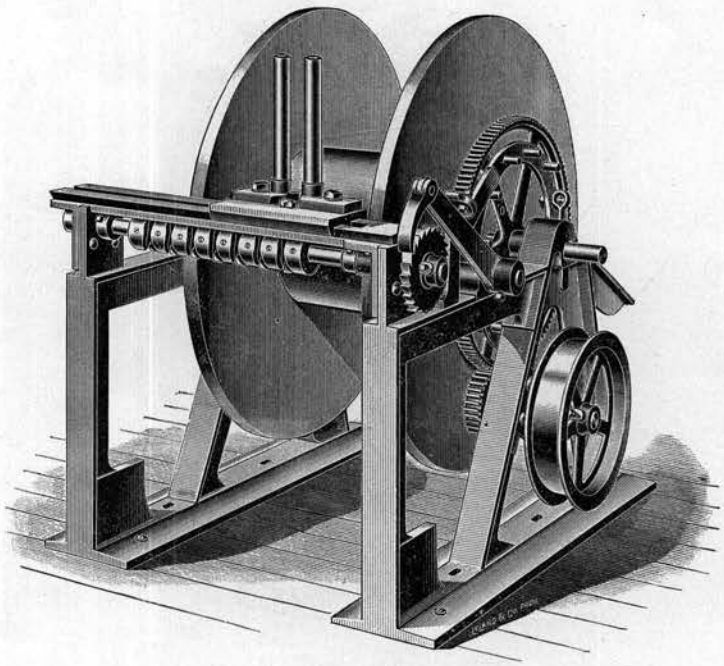
No. 1 Swings 30 inches.

SIZES.	PRICE.
6 in. Traverse,	$
8 in. Traverse,	
10 in. Traverse,	
12 in. Traverse,	

No. 2 Swings 48 inches.

SIZES.	PRICE.
12 in. Traverse,	$
14 in. Traverse,	
16 in. Traverse,	
18 in. Traverse,	
20 in. Traverse,	

ELECTRIC WIRE MACHINERY.

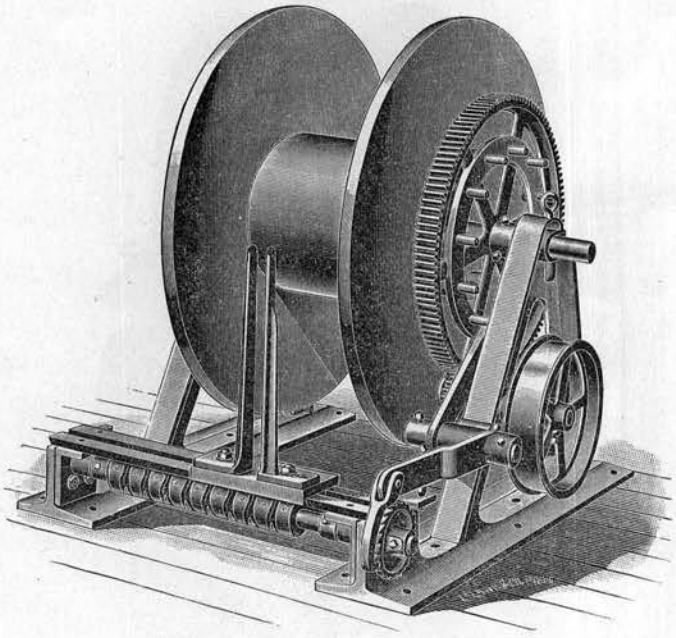


Take-Off Reel Fixture with Top Traverse.

No. 3 Swings 40 inches.

SIZES.	PRICE.
12 in. Traverse,	$
14 in. Traverse,	
16 in. Traverse,	
18 in. Traverse,	
20 in. Traverse,	

ELECTRIC WIRE MACHINERY.

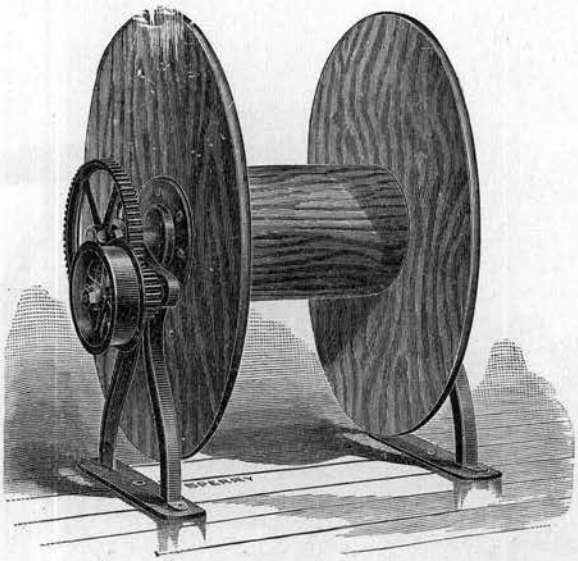


Take-Off Reel Fixture with Bottom Traverse.

No. 4 Swings 40 inches.

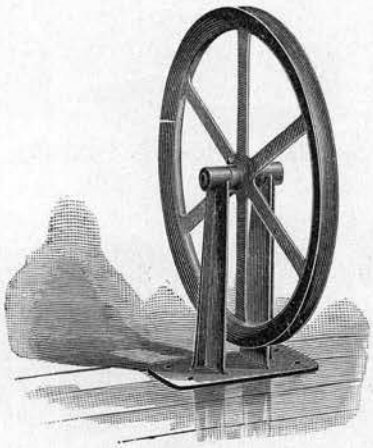
SIZES.	PRICE.
12 in. Traverse,	$
14 in. Traverse,	
16 in. Traverse,	
18 in. Traverse,	
20 in. Traverse,	
No. 5 Swings 60 in.; Traverse 24, 26, 28 in.,	
No. 6 Swings 72 in.; Traverse 36, 48 in.,	
No. 7 Swings 84 in.; Traverse 40 in.,	

ELECTRIC WIRE MACHINERY.



Take-Off Reel Fixture without Traverse.

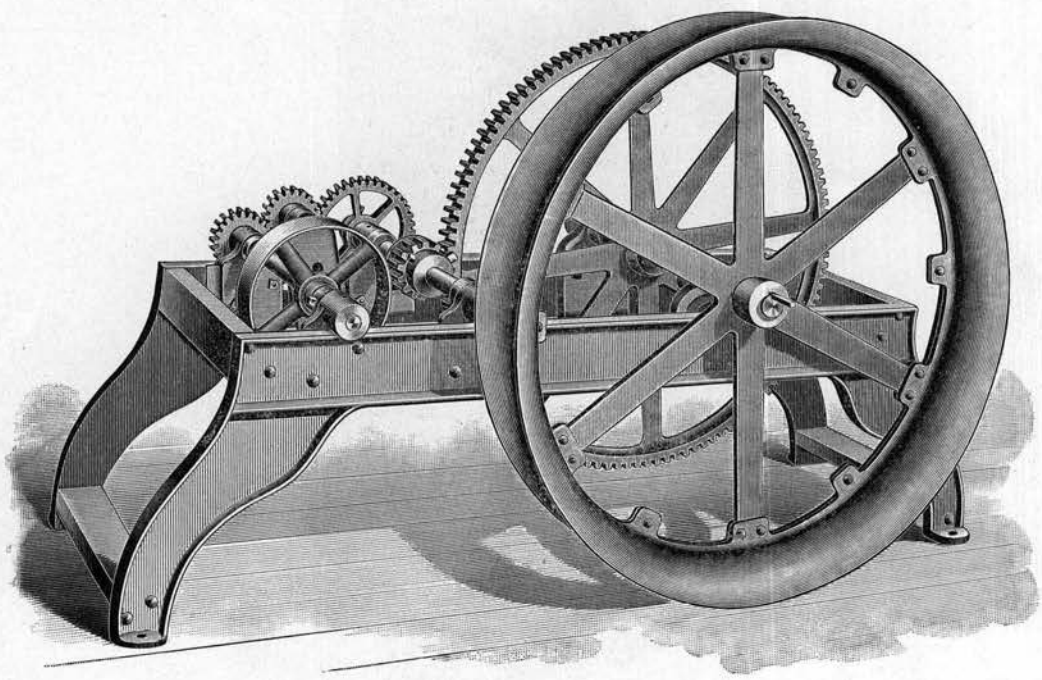
SIZES.	PRICE.
36 in. Swing,	$
36 in. Swing, Heavy Pattern,	
48 in. Swing,	



Sheave Wheel.

SIZES.	PRICE.
12 in. Single Standard,	$
12 in. Double Standard,	
22 in. Single Standard,	
22 in. Double Standard,	

ELECTRIC WIRE MACHINERY.

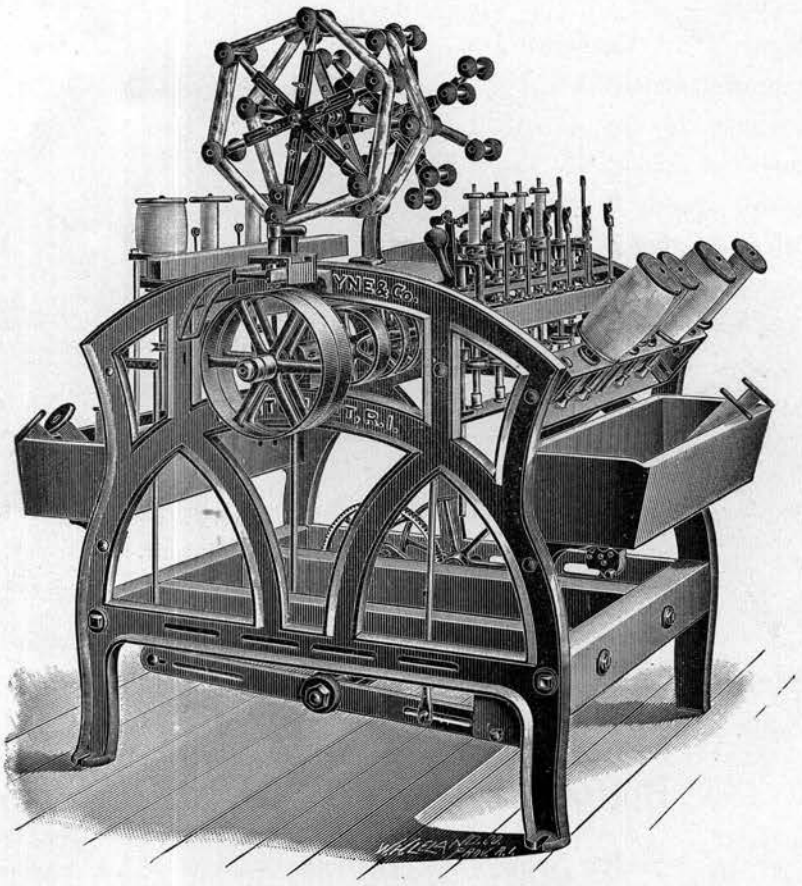


Special Take-Up Fixture.

Feed Wheel 60 in. Variable Speed by Change Gears.

Price, ... $

MISCELLANEOUS MACHINERY.



10 Spindle Braider Bobbin Spooler.

4 Spindles, Skein to Spool; 6 Spindles Spool to Braider Bobbin.

SIZES.	PRICE.
10 Spindle, 4 Skein, 6 Spool Spindles,	$
20 Spindle, 8 Skein, 12 Spool Spindles,	
30 Spindle, 12 Skein, 18 Spool Spindles,	
40 Spindle, 16 Skein, 24 Spool Spindles,	
60 Spindle, 24 Skein, 36 Spool Spindles,	

Carriers for Braiding Machines.

		LENGTHS.
No. 2.	Regular	6 1-4, 6 3-4 in.
No. 2.	Regular, with Extension Top	6 1-4, 6 3-4 in.
No. 2.	Improved, Patented	6 1-2, 7 1-2 in.
No. 3.	Regular	8 1-2 in.
No. 3.	Improved, Patented	8 1-2 in.
No. 4.	Cable-Covering Braider No. 1	9 in.
No. 5.	Cable-Covering Braider No. 2	11 1-2 in.

Top Weights or Latches.

No. 1. For No. 2 Braider Carriers, Regular.
No. 2. For No. 2 Braider Carriers, Forked.
No. 3. For No. 2 Braider Carriers, Improved, Patented.
No. 4. For No. 3 Braider Carriers, Regular.
No. 5. For No. 3 Braider Carriers, Improved, Patented.
No. 6. For No. 1 Cable-Covering Braider Carriers.
No. 7. For No. 2 Cable-Covering Braider Carriers.

Bottom or Tension Weights.

For No. 2 Braider Carriers, Regular.
Ounces, 1-2, 1, 1 1-4, 1 1-2, 2, 2 1-2, 3, 3 1-2, 4, 5, 5 1-2, 6, 7, 8, 8 1-2.

For No. 2 Braider Carriers, Improved, Patented.
Ounces, 1-2, 3-4, 1, 1 1-2, 2, 2 1-2, 3, 3 1-2, 4, 5.

For No. 1 Cable-Covering Braiders.
Ounces, 3, 4, 5, 6, 8, 10, 12, 14, 16, 18, 20.

For No. 2 Cable-Covering Braiders.
Ounces, 3, 4, 5, 6, 8, 10, 12, 14, 16, 18.

Change Gears for Single, Double and Tripple Braiders, No. 2.

No. of Teeth, 20, 22, 24, 26, 28, 30, 32, 34, 36, 38,
40, 42, 44, 46, 48, 50, 52, 54, 56, 58,
60, 63, 66, 69, 72, 75, 78, 82, 92.

Change Gears for Double Braiders, Under Feed, No. 2.

No. of Teeth, 17, 18, 19, 20, 21, 22, 23, 24, 25,
26, 27, 28, 29, 30, 32, 33, 34, 36,
40, 41, 42, 43, 44, 46, 47, 49, 50.

Change Gears for No. 3 Braiders.

No. of Teeth, 20, 24, 28, 32, 36, 40, 48, 52,
56, 62, 72, 82.

Change Gears for Cable-Covering Braiders, No. 1.

No. of Teeth, 20, 25, 30, 35, 40, 45, 48, 50,
55, 62, 72, 75, 78, 82.

Change Gears for Cable-Covering Braiders, No. 2.

No. of Teeth, 14, 15, 16, 19, 20, 23, 26, 29, 31, 39.

Bobbins and Spools.

No. 2. 3 1-4 in. Traverse, 1 3-4 in. Head. For No. 2 Braiders and Single and Double Winders.

No. 3. 4 1-2 in. Traverse, 2 1-2 in. Head. For No. 3 Braiders.

No. 4. 4 1-2 in. Traverse, 3 in. Head. For No. 1 Cable Braiders, and No. 2 Winders.

No. 5. 6 1-2 in. Traverse, 4 1-2 in. Head. For No. 2 Cable Braiders.

No. 6. 6 in. Traverse, 3 1-2 in. Head. Spools for Spooling Machine.

No. 7. 1 1-4 in. Traverse, 2 7-8 in. Head. Spools for Six Spindle Winder.

Braiding Machine Tables.

For Small Machines, Plain and with Traverse Motion.

Special Traverse Motions.

Special Pull-Off Fixtures.

Fine Castings.

Annealing Facilities.

OFFICE OF

NEW ENGLAND BUTT COMPANY.

PROVIDENCE, R. I.

GENTLEMEN:

In addition to the manufacture of **Drilled Cast Butt Hinges, Hardware Specialties,** and **Braiding Machinery,** we are prepared to furnish to order **Superior Iron Castings** of every description, also **Patterns** for the same, and having a **Machine Shop** in full and efficient operation, we are prepared to **Contract** for **Machinery** and other **Specialties.**

We have also large **Annealing Furnaces,** and are prepared to anneal both **Iron and Steel** in the very best manner.

Correspondence solicited.

Yours Respectfully,

NEW ENGLAND BUTT CO.

H. N. FENNER, Treasurer.

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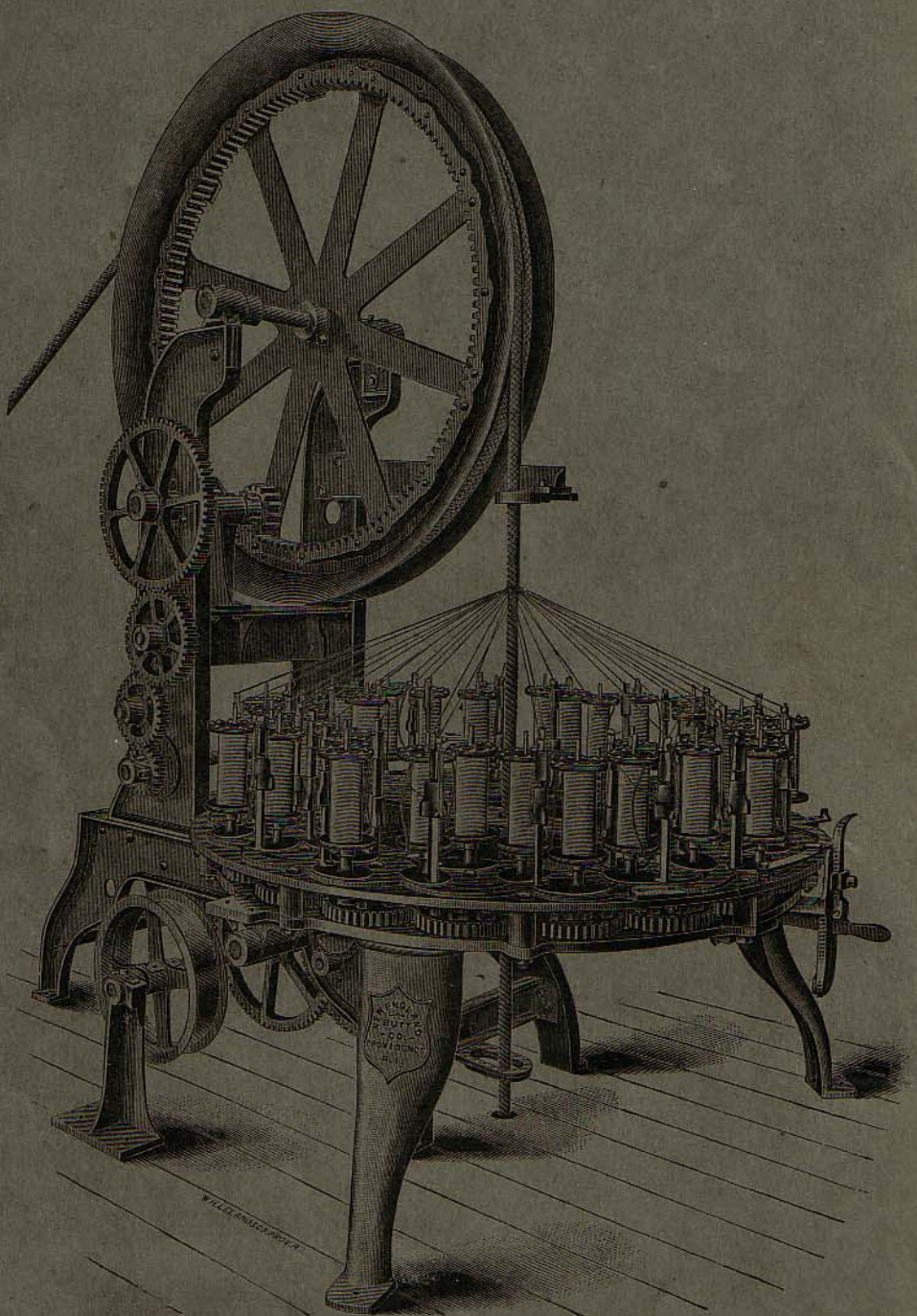
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